

# GENEBRE

WATER CARE VISIONEERS

**LÍNEA HIDROSANITARIA**

HYDROSANITARY LINE

**2024 - 2025**



Mantén tus precios actualizados  
Keep your prices up to date



Mantén tus precios actualizados  
Keep your prices up to date



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# Cuidamos del agua desde el origen hasta el retorno al medio a través de una amplia gama de productos para cada fase

**We take care of water from origin to return to source through a wide range of products for each phase**

**En Genebre Group completamos el ciclo del agua pensando en las personas y el planeta. Porque cuando llega a nuestros hogares, espacios públicos o privados, aplicamos soluciones para optimizar y ahorrar tanto agua como energía. Siempre pensando en conseguir máxima eficiencia, calidad y confort.**

At Genebre Group, we complete the water cycle with people and the planet in mind. Because when it reaches our homes, public or private spaces, we apply solutions to optimize and save both water and energy. Always thinking about achieving maximum efficiency, quality and comfort.

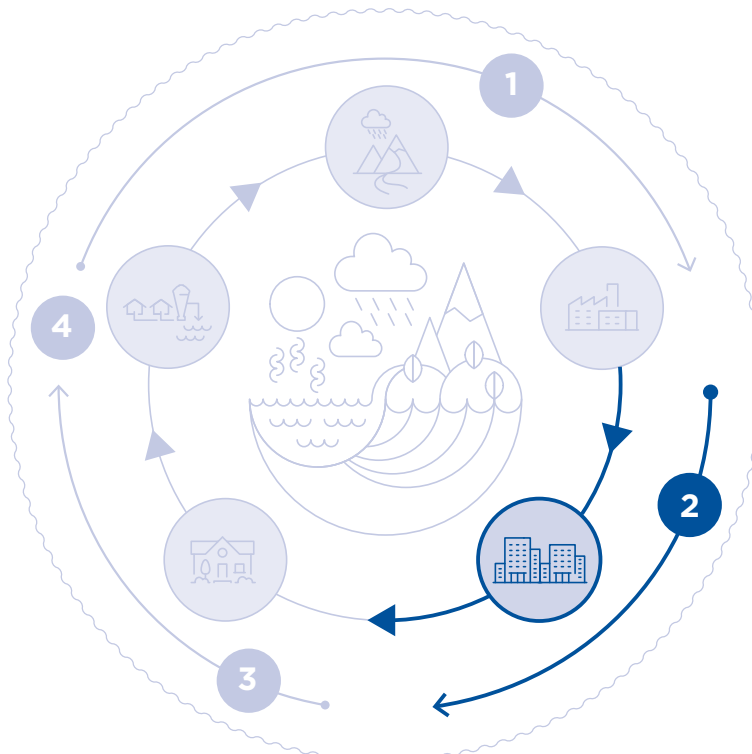
**Ver video corporativo**  
See our company video





## La línea Hidrosanitaria de GENE BRE ofrece soluciones en válvulas y accesorios para el control y gestión de flúidos.

The GENE BRE Hydrosanitary line offers solutions in valves and accessories for the control and management of fluids.



### LÍNEA HIDROSANITARIA. VALVULERÍA DE MÁXIMA SEGURIDAD GARANTIZADA

CONEXIÓN, TRATAMIENTO, ADECUACIÓN Y CONTROL.  
Conectamos y acondicionamos los sistemas de agua y gestión de flúidos en todo tipo de instalaciones, tanto colectivas (hospitales, colegios, etc.) como domésticas (construcción, reforma, etc.).

### HYDROSANITARY LINE. VALVES OF MAXIMUM SECURITY GUARANTEED

CONNECTION, TREATMENT, SUITABILITY AND CONTROL.  
Connect and condition water and fluid management systems in all types of facilities, both public (hospitals, schools, etc.) and domestic (construction, renovation, etc.).



Ver presentación corporativa y todas las líneas de producto GENE BRE

See the company profile and all GENE BRE product lines

# Un ciclo integral, también en el servicio

**An integral cycle, also in service**

Desde el diseño, la producción y el control en cada fase, pasando por un nuevo centro logístico y almacén automatizado más ágil y rápido, hasta la atención post-venta, cada estadio es de máxima importancia para nosotros.

Desde nuestra sede central en Barcelona, los Departamentos Técnico, de Calidad y Logística realizan supervisiones periódicas y mejoras continuas para garantizar el estándar de máxima calidad que nos mantiene líderes en nuestro sector.

**La excelencia en cada momento es lo que perseguimos a cada instante.**

From design, production and control in each phase, through a new, more rapid and efficient logistics center and automatic warehouse, to after-sales service, each stage is of utmost importance to us.

From our headquarters in Barcelona, the Technical, Quality and Logistics Departments carry out periodic supervision and continuous improvements to guarantee the highest quality standard that keeps us leaders in our sector.

Excellence in every moment and it is what we pursue at every instant.

**ASISTENCIA TÉCNICA**  
TECHNICAL ASSISTANCE



**CALIDAD**  
QUALITY



**NUEVO CENTRO LOGÍSTICO**  
NEW LOGISTIC CENTER



**PRODUCCIÓN Y CONTROL DE PROCESOS**  
PRODUCTION AND PROCESS CONTROL



**DISEÑO PROPIO**  
OWN DESIGN



**ALMACÉN AUTOMATIZADO**  
AUTOMATIC WAREHOUSE





# La Calidad, el compromiso en nuestros productos

## The Quality, the commitment in our products

En Genebre nos comprometemos con la calidad y es por ello que tenemos implantado un sistema de gestión de la calidad para el diseño, producción y distribución de válvulas para el control y la regulación de fluidos, grifería y otros productos para el uso colectivo.

- Este sistema está certificado de acuerdo a la última versión de la norma **UNE-EN-ISO 9001**, por parte del prestigioso organismo certificador alemán TÜV Rheinland y revisado anualmente.
- **Modelo Europeo de Excelencia Empresarial (EFQM)** European Foundation for Quality Management. **ISO 14001**, certificación para el Sistema de Gestión Ambiental. Este sistema está certificado siguiendo la última versión de la norma UNE-EN-ISO 14001, por parte del prestigioso organismo certificador alemán TÜV Rheinland.
- **Marcado CE** para las válvulas industriales de acuerdo a la Directiva de Equipos a Presión 2014/68/UE con certificación externa otorgada por TÜV Rheinland.
- Homologación y Marcado **N de Aenor** para la línea de válvulas de gas.
- **Certificados de agua potable**, confirmando el cumplimiento de los criterios sanitarios de la calidad del agua para el consumo humano RD 03/2023 de 10 de enero (legislación española) y de la Directiva (UE) 2020/2184 del Parlamento Europeo y del Consejo de 16 de diciembre de 2020, relativa a la calidad de las aguas destinadas al consumo humano por el Laboratorio Oliver Rodes.
- **Homologación CE y otras específicas** para mercados como Bielorrusia, Chile, Polonia, Rusia, Ucrania, Singapur y Arabia Saudí.

At Genebre we are committed to quality and that is why we have implemented a quality management system to control the designing, manufacturing and distribution of valves for the control and regulation of fluids, taps and other products for collective use.

- This system complies with the requirements of the latest version of the current international UNE-EN-ISO 9001, certified by the prestigious German certification organization TÜV Rheinland and reviewed annually.
- European Foundation for Quality Management (EFQM).
- ISO 14001, certification for the Environmental Management System. This system is certified according to the latest version of the international UNE-EN-ISO 14001, and also by TÜV Rheinland.
- **CE stamp** for industrial valves according to the Pressure Equipment Directive 2014/68/EU with external certification by TÜV Rheinland.
- **N Aenor stamp** for the gas valves line.
- **Water quality certification**, confirming compliance with the health criteria of water quality for human consumption (RD 03/2023 January 10,- Spanish legislation), and the European Directive 2020/2184 /EC of the European Council, December 16, 2020, relating to the water quality intended for human consumption by "Laboratorios Oliver Rodes".
- **EC homologation and other specific certifications** for markets in Belarus, Chile, Poland, Russia, Ukraine, Singapore and Saudi Arabia.





**ESTÁNDAR DE CALIDAD CERTIFICADO**  
**CERTIFIED QUALITY STANDARD**



Además, pertenecemos a asociaciones destacadas del sector como la asociación española Agrival que vela por la seguridad y calidad de la industria de valvulería y grifería, la investigación y desarrollo técnico del sector, en el ámbito de la normalización y certificación de productos.

We also belong to leading associations in the sector, such as the Spanish association Agrival, which ensures the safety and quality of the valves and fittings industry, research and technical development in the sector, and in the field of product standardisation and certification.

# Cerca de ti en cualquier momento

Close to you at any time

## ¿Conoces todas las ventajas de nuestra página web?

- Todos los productos Genebre a un click
- Consulta todas las especificaciones técnicas
- Descarga Manuales e Instrucciones
- Accede al Área de descargas y últimas noticias

## Do you know all the advantages of our website?

- All Genebre products in one click
- Consult all technical specifications
- Download Manuals and Instructions
- Access the downloads and latest news area

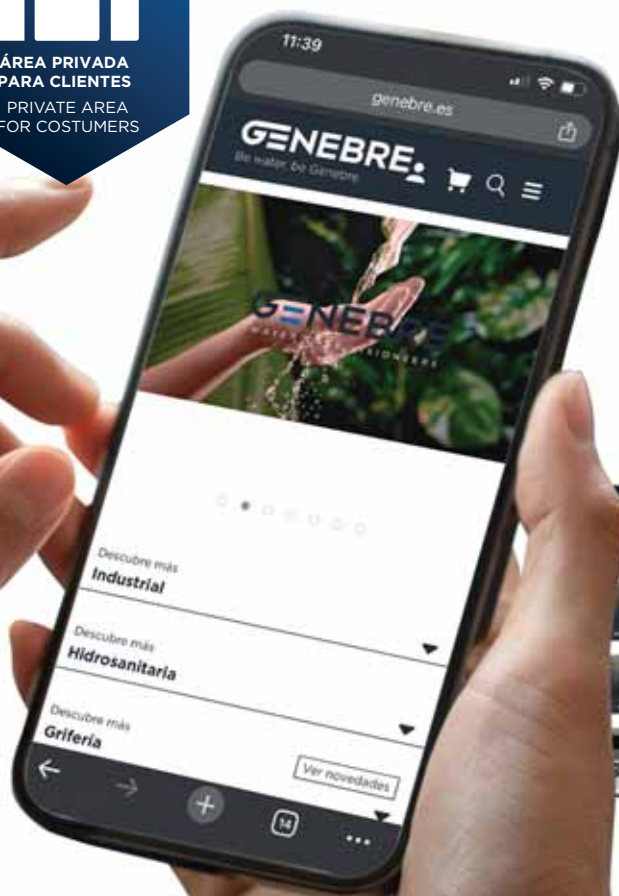
## Si eres cliente activo, además podrás beneficiarte del Área Exclusiva para clientes activos Genebre con numerosas ventajas

If you are an active customer, you can also benefit from the Genebre Exclusive Area for active customers with numerous advantages.



Solicita acceso en este enlace y descubre todas sus ventajas

Request access at this link and discover all its advantages





WATER CARE VISIONEERS

**PIONEROS EN DIGITALIZACIÓN**  
PIONEERS IN DIGITALIZATION

**CRM REFERENTE Y ESCALABLE**  
LEADING AND SCALABLE CRM

**MARKETING AUTOMATION**  
MARKETING AUTOMATION

**ÁREA WEB PRIVADA PARA CLIENTES Y REPRESENTANTES**  
PRIVATE WEB AREA FOR CUSTOMERS AND REPRESENTATIVES

**PRESENCIA ACTIVA EN REDES SOCIALES**  
ACTIVE PRESENCE ON SOCIAL MEDIA



# Packaging y etiquetado

Packaging and labeling



Etiquetado individual para una rápida identificación en los puntos de venta., además de QR para ampliar información del producto.

Individual labeling for quick identification at points of sale, as well as QR to expand product information.

Diferentes tipos de packaging personalizados para una fácil identificación de contenido

Different types of customized packaging for easy identification of contents







# Puntos de venta

## Points of sale

### Más visibilidad para tu espacio de productos Genebre

Para poder dar más visibilidad e impulsar tu espacio de productos GENE BRE, ponemos a tu disposición toda una serie de soluciones de marketing.

Todas ellas enfocadas a la promoción de nuestros productos en tu punto de venta.

Nuestro objetivo es reforzar la identidad corporativa de nuestros productos, así como facilitar su venta y aumentar la satisfacción de tus clientes con la compra de productos GENE BRE.

### More visibility for your Genebre product space

In order to give more visibility and boost your GENE BRE product space, we offer you a whole series of marketing solutions.

All of them focused on the promotion of our products at your point of sale.

Our objective is to reinforce the corporate identity of our products, as well as facilitate their sale and increase the satisfaction of your customers with the purchase of GENE BRE products.

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BE WATER. BE GENEBRE



WATER CARE VISIONEERS





# VÁLVULAS VALVES

**Una gama completa de válvulas de latón,  
esfera manguera, retención, compuerta, filtros, manómetros,  
... para todo tipo de instalaciones.**

A complete range of brass ball valves, bibcock ball  
valves, retention valves, gate valves, strainers, pressure gauges,  
... for all types of installations.

# Válvulas de esfera

## Ball valves

**ON  
OFF**

**Válvula esfera on/off**  
Ball valve on/off

**UNE-EN  
12165**

**Latón europeo forjado**  
Forged european brass



**Conexiones roscadas**  
Threaded ends

**G ISO 228/1 | NPT**



**Conexión a tubería**  
Connection pipe

**CU, FE, PE...**



**Extremos soldar**  
Welding ends

**PN 16 | 25 | 40**



**Accionamientos**  
Controls

**Palanca,  
Palomilla  
Cuadradillo**

Manual lever  
Aluminium butterfly handle  
Square handle



**Diferentes dimensiones y pasos**  
Different dimensions and bores

**Total, Estándar, Reducido**  
Full, Standard, Reduced



**Acabados**  
Color finished

**Cromado  
Niquelado  
Latón**

Chrome plated  
Nickel plated  
Brass



**Elementos**  
Elements

1. Cuerpo | Body
2. Tapa | Cap
3. Esfera | Ball
4. Eje + Juntas tóricas | Stem + O'rings
5. Asientos | Ball seats
6. Tuerca | Nut
7. Accionamiento | Handle



Ref. 3020 - 3020N



**Válvula de esfera serie pesada.**

PN 40. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

**También disponible con rosca NPT (3020N)**

**Heavy ball valve.**

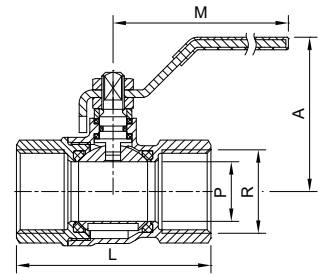
PN 40. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. Steel lever manual control.

**Also available NPT thread (3020N).**

| R      | P  | A   | L   | M   |
|--------|----|-----|-----|-----|
| 1/4"   | 10 | 45  | 48  | 84  |
| 3/8"   | 10 | 45  | 50  | 84  |
| 1/2"   | 15 | 47  | 58  | 84  |
| 3/4"   | 20 | 58  | 65  | 98  |
| 1"     | 25 | 61  | 78  | 98  |
| 1 1/4" | 32 | 74  | 88  | 126 |
| 1 1/2" | 40 | 80  | 105 | 126 |
| 2"     | 50 | 91  | 122 | 158 |
| 2 1/2" | 59 | 96  | 140 | 158 |
| 3"     | 72 | 118 | 163 | 195 |
| 4"     | 90 | 133 | 190 | 261 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3020 02     | 1/4"        | 0.129       | 8-192             | -                |
| 3020 03     | 3/8"        | 0.125       | 8-192             | -                |
| 3020 04     | 1/2"        | 0.171       | 8-128             | -                |
| 3020 05     | 3/4"        | 0.285       | 8-80              | -                |
| 3020 06     | 1"          | 0.434       | 6-36              | -                |
| 3020 07     | 1 1/4"      | 0.708       | 4-24              | -                |
| 3020 08     | 1 1/2"      | 0.997       | 2-18              | -                |
| 3020 09     | 2"          | 1.519       | 2-12              | -                |
| 3020 10     | 2 1/2"      | 2.436       | 4-8               | -                |
| 3020 11     | 3"          | 4.03        | 2-4               | -                |
| 3020 12     | 4"          | 6.33        | 1-2               | -                |

Precios rosca NPT a consultar. / NPT thread prices on request.



Ref. 3021



**Válvula de esfera serie pesada palanca inox**

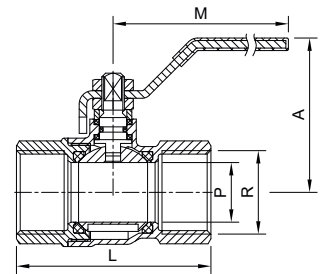
PN 40. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero inoxidable AISI 304 .

**Heavy ball valve. Stainless steel lever**

PN 40. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. AISI 304 stainless steel lever manual control.

| R      | P  | A   | L   | M   |
|--------|----|-----|-----|-----|
| 1/4"   | 10 | 45  | 48  | 84  |
| 3/8"   | 10 | 45  | 50  | 84  |
| 1/2"   | 15 | 47  | 58  | 84  |
| 3/4"   | 20 | 58  | 65  | 98  |
| 1"     | 25 | 61  | 78  | 98  |
| 1 1/4" | 32 | 74  | 88  | 126 |
| 1 1/2" | 40 | 80  | 105 | 126 |
| 2"     | 50 | 91  | 122 | 158 |
| 2 1/2" | 59 | 96  | 140 | 158 |
| 3"     | 72 | 118 | 163 | 195 |
| 4"     | 90 | 133 | 190 | 261 |

|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3021 02 | 1/4"   | 0.132 | 8-192 | - |
| 3021 03 | 3/8"   | 0.127 | 8-192 | - |
| 3021 04 | 1/2"   | 0.174 | 8-128 | - |
| 3021 05 | 3/4"   | 0.285 | 8-80  | - |
| 3021 06 | 1"     | 0.436 | 6-36  | - |
| 3021 07 | 1 1/4" | 0.683 | 4-32  | - |
| 3021 08 | 1 1/2" | 0.97  | 2-24  | - |
| 3021 09 | 2"     | 1.49  | 2-14  | - |
| 3021 10 | 2 1/2" | 2.48  | 4-8   | - |
| 3021 11 | 3"     | 4.07  | 2-4   | - |
| 3021 12 | 4"     | 6.39  | 1-2   | - |



Ref. 3023 - 3023N



**Válvula de esfera para montaje actuador**

PN 40. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) H-H ISO 228/1. Temp. máx. 110°C. Conexión a actuador s/ ISO 5211. Palanca en acero.

**También disponible con rosca NPT (3023N)**

**Ball valve for direct assembling**

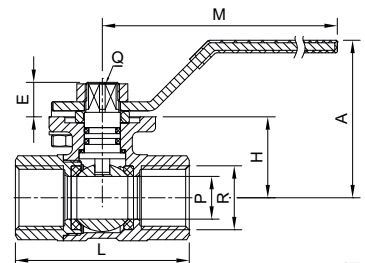
PN 40. Full bore. Body chrome plated brass UNE-EN 12165 cromado. PTFE seats. Gas threaded ends (BSP) F-F ISO 228/1. Max. temp. 110°C. Actuator connection ISO 5211. Steel lever handle.

**Also available NPT thread (3023N).**

| R      | P  | A  | M   | L   | X  | H  | E  | Q  | ISO5211 |
|--------|----|----|-----|-----|----|----|----|----|---------|
| 1/2"   | 15 | 52 | 104 | 58  | 15 | 27 | 11 | 9  | F03     |
| 3/4"   | 20 | 57 | 104 | 65  | 16 | 32 | 11 | 9  | F03     |
| 1"     | 25 | 60 | 112 | 78  | 20 | 35 | 11 | 9  | F04     |
| 1 1/4" | 32 | 69 | 139 | 88  | 20 | 44 | 14 | 11 | F05     |
| 1 1/2" | 40 | 75 | 139 | 105 | 25 | 49 | 14 | 11 | F05     |
| 2"     | 50 | 86 | 139 | 122 | 27 | 60 | 14 | 11 | F05     |

|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3023 04 | 1/2"   | 0.272 | 10-80 | - |
| 3023 05 | 3/4"   | 0.373 | 6-60  | - |
| 3023 06 | 1"     | 0.561 | 4-48  | - |
| 3023 07 | 1 1/4" | 0.923 | 5-30  | - |
| 3023 08 | 1 1/2" | 1.246 | 4-24  | - |
| 3023 09 | 2"     | 1.891 | 2-12  | - |

Precios rosca NPT a consultar. / NPT thread prices on request.



Ref. 3028



**Válvula esfera serie ligera**

PN 25. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

**Light ball valve**

PN 25. Standard bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. Steel lever manual control.

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3028 04     | 1/2"        | 0.129       | 8-192             | -                |
| 3028 05     | 3/4"        | 0.192       | 8-128             | -                |
| 3028 06     | 1"          | 0.31        | 8-72              | -                |
| 3028 07     | 1 1/4"      | 0.415       | 6-54              | -                |
| 3028 08     | 1 1/2"      | 0.66        | 2-24              | -                |
| 3028 09     | 2"          | 0.971       | 2-18              | -                |
| 3028 10     | 2 1/2"      | 1.889       | 6-12              | -                |
| 3028 11     | 3"          | 3.025       | 4-8               | -                |
| 3028 12     | 4"          | 4.862       | 2-4               | -                |



Ref. 3028R

NEW



**Válvula de esfera serie ligera (palanca roja)**

PN 25. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos de PTFE. Extremos roscados H-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

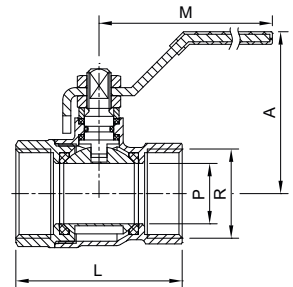
**Light ball valve (red handle)**

PN 25. Standard bore. Body chrome plated brass UNE -EN 12165. PTFE seats. Threaded ends ISO 228/1 F-F. Max. temp. 110°C. Steel lever manual control.

| R      | P  | A   | L   | M   |
|--------|----|-----|-----|-----|
| 1/2"   | 14 | 46  | 44  | 84  |
| 3/4"   | 18 | 50  | 51  | 84  |
| 1"     | 23 | 57  | 61  | 92  |
| 1 1/4" | 27 | 63  | 71  | 98  |
| 1 1/2" | 34 | 74  | 81  | 113 |
| 2"     | 43 | 83  | 93  | 126 |
| 2 1/2" | 52 | 96  | 118 | 158 |
| 3"     | 65 | 126 | 137 | 196 |
| 4"     | 79 | 137 | 163 | 265 |

|          |        |       |       |   |
|----------|--------|-------|-------|---|
| 3028R 04 | 1/2"   | 0.133 | 8-160 | - |
| 3028R 05 | 3/4"   | 0.199 | 8-96  | - |
| 3028R 06 | 1"     | 0.317 | 8-72  | - |
| 3028R 07 | 1 1/4" | 0.426 | 6-54  | - |
| 3028R 08 | 1 1/2" | 0.702 | 2-32  | - |
| 3028R 09 | 2"     | 1.005 | 2-18  | - |

Precios rosca NPT a consultar. / NPT thread prices on request.



Ref. 3026R

NEW



**Válvula de esfera serie ligera (palanca roja)**

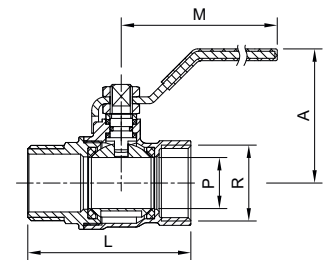
PN 25. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos de PTFE. Extremos roscados M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

**Light ball valve (red handle)**

PN 25. Standard bore. Body chrome plated brass UNE -EN 12165. PTFE seats. Threaded ends ISO 228/1 M-F. Max. temp. 110°C. Steel lever manual control.

| R      | P  | A  | L    | M   |
|--------|----|----|------|-----|
| 1/2"   | 14 | 46 | 51.8 | 84  |
| 3/4"   | 18 | 50 | 60   | 84  |
| 1"     | 23 | 57 | 71.9 | 92  |
| 1 1/4" | 27 | 63 | 78.8 | 98  |
| 1 1/2" | 34 | 74 | 88   | 113 |
| 2"     | 43 | 83 | 102  | 126 |

|          |        |       |       |   |
|----------|--------|-------|-------|---|
| 3026R 04 | 1/2"   | 0.146 | 8-160 | - |
| 3026R 05 | 3/4"   | 0.225 | 8-90  | - |
| 3026R 06 | 1"     | 0.371 | 8-72  | - |
| 3026R 07 | 1 1/4" | 0.463 | 6-54  | - |
| 3026R 08 | 1 1/2" | 0.722 | 2-32  | - |
| 3026R 09 | 2"     | 1.109 | 2-18  | - |



Ref. 3027R

NEW



**Válvula de esfera serie ligera (palanca roja)**

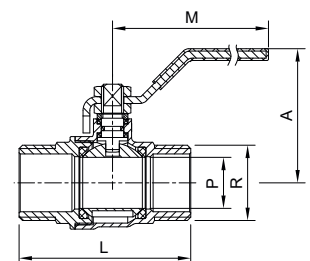
PN 25. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos de PTFE. Extremos roscados M-M - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

**Light ball valve (red handle)**

PN 25. Standard bore. Body chrome plated brass UNE -EN 12165. PTFE seats. Threaded ends ISO 228/1 M-M. Max. temp. 110°C. Steel lever manual control.

| R    | P  | A  | L    | M  |
|------|----|----|------|----|
| 1/2" | 14 | 46 | 53.8 | 84 |
| 3/4" | 18 | 50 | 62   | 84 |
| 1"   | 23 | 57 | 75.7 | 92 |

|          |      |       |       |   |
|----------|------|-------|-------|---|
| 3027R 04 | 1/2" | 0.145 | 8-160 | - |
| 3027R 05 | 3/4" | 0.223 | 8-96  | - |
| 3027R 06 | 1"   | 0.381 | 8-72  | - |





Ref. 3028P - 3028PR

NEW



**Válvula de esfera serie ligera (3028P palomilla azul - 3028PR palomilla roja)**

PN 25. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos de PTFE. Extremos roscados H-H - ISO 228/1. Temp.máx. 110°C. Mando manual por palomilla de aluminio.

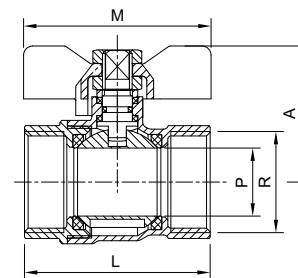
**Light ball valve (3028P blue butterfly handle - 3028PR red butterfly handle)**

PN 25. Standard bore. Body chrome plated brass UNE -EN 12165. PTFE seats. Threaded ends ISO 228/1 F-F. Max. temp. 110°C. Aluminium butterfly handle.

| R    | P  | A    | L    | M  |
|------|----|------|------|----|
| 1/2" | 14 | 34.5 | 51.8 | 50 |
| 3/4" | 18 | 37.5 | 60   | 50 |
| 1"   | 23 | 45   | 71.9 | 62 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|           |      |       |        |   |
|-----------|------|-------|--------|---|
| 3028P 04  | 1/2" | 0.114 | 10-140 | - |
| 3028P 05  | 3/4" | 0.184 | 6-84   | - |
| 3028P 06  | 1"   | 0.299 | 5-60   | - |
| 3028PR 04 | 1/2" | 0.114 | 10-140 | - |
| 3028PR 05 | 3/4" | 0.184 | 6-84   | - |
| 3028PR 06 | 1"   | 0.299 | 5-60   | - |



Ref. 3026P - 3026PR

NEW



**Válvula de esfera serie ligera (3026P palomilla azul - 3026PR palomilla roja)**

PN 25. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos de PTFE. Extremos roscados M-H - ISO 228/1. Temp.máx. 110°C. Mando manual por palomilla de aluminio.

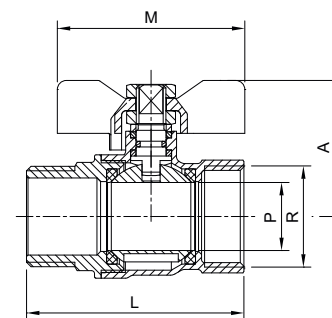
**Light ball valve (3026P blue butterfly handle - 3026PR red butterfly handle)**

PN 25. Standard bore. Body chrome plated brass UNE -EN 12165. PTFE seats. Threaded ends ISO 228/1 M-F. Max. temp. 110°C. Aluminium butterfly handle.

| R    | P  | A    | L  | M  |
|------|----|------|----|----|
| 1/2" | 14 | 34.5 | 44 | 50 |
| 3/4" | 18 | 37.5 | 51 | 50 |
| 1"   | 23 | 45   | 61 | 62 |

|          |      |       |       |   |
|----------|------|-------|-------|---|
| 3026P 04 | 1/2" | 0.126 | 8-128 | - |
| 3026P 05 | 3/4" | 0.205 | 6-96  | - |
| 3026P 06 | 1"   | 0.338 | 5-60  | - |

|           |      |       |       |   |
|-----------|------|-------|-------|---|
| 3026PR 04 | 1/2" | 0.126 | 8-128 | - |
| 3026PR 05 | 3/4" | 0.205 | 6-96  | - |
| 3026PR 06 | 1"   | 0.338 | 5-60  | - |



Ref. 3027P - 3027PR

NEW



**Válvula de esfera serie ligera (3027P palomilla azul - 3027PR palomilla roja)**

PN 25. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos de PTFE. Extremos roscados M-M - ISO 228/1. Temp.máx. 110°C. Mando manual por palomilla de aluminio.

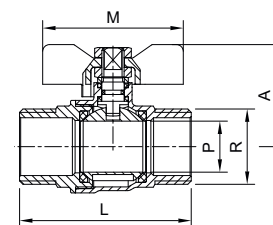
**Light ball valve (3027P blue butterfly handle - 3027PR red butterfly handle)**

PN 25. Standard bore. Body chrome plated brass UNE -EN 12165. PTFE seats. Threaded ends ISO 228/1 M-M. Max. temp. 110°C. Aluminium butterfly handle.

| R    | P  | A    | L    | M  |
|------|----|------|------|----|
| 1/2" | 14 | 34.5 | 53.8 | 50 |
| 3/4" | 18 | 37.7 | 62   | 50 |
| 1"   | 23 | 45   | 75.7 | 62 |

|          |      |       |        |   |
|----------|------|-------|--------|---|
| 3027P 04 | 1/2" | 0.125 | 10-140 | - |
| 3027P 05 | 3/4" | 0.203 | 6-84   | - |
| 3027P 06 | 1"   | 0.348 | 5-60   | - |

|           |      |       |        |   |
|-----------|------|-------|--------|---|
| 3027PR 04 | 1/2" | 0.125 | 10-140 | - |
| 3027PR 05 | 3/4" | 0.203 | 6-84   | - |
| 3027PR 06 | 1"   | 0.348 | 5-60   | - |



Ref. 3029 - 3022



**Válvula de esfera**

También disponible con rosca NPT (3022).  
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asiento PTFE. Extremos roscados H-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

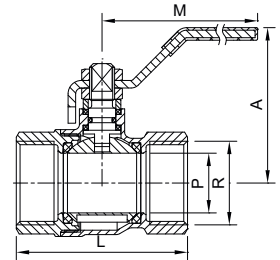
**Ball valve**

Also available NPT thread (3022).  
PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Threaded ends F-F - ISO 228/1. Max. temp. 110°C. Steel lever manual control.

| R      | P  | A   | L   | M   |
|--------|----|-----|-----|-----|
| 1/4"   | 10 | 46  | 40  | 84  |
| 3/8"   | 10 | 46  | 43  | 84  |
| 1/2"   | 15 | 47  | 49  | 84  |
| 3/4"   | 20 | 58  | 56  | 98  |
| 1"     | 25 | 61  | 68  | 98  |
| 1 1/4" | 32 | 74  | 80  | 126 |
| 1 1/2" | 40 | 80  | 89  | 126 |
| 2"     | 50 | 91  | 104 | 158 |
| 2 1/2" | 59 | 101 | 137 | 158 |
| 3"     | 72 | 131 | 158 | 196 |
| 4"     | 90 | 145 | 183 | 265 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3029 02     | 1/4"        | 0.106       | 10-200            | -                |
| 3029 03     | 3/8"        | 0.113       | 10-200            | -                |
| 3029 04     | 1/2"        | 0.153       | 8-144             | -                |
| 3029 05     | 3/4"        | 0.267       | 8-80              | -                |
| 3029 06     | 1"          | 0.389       | 6-54              | -                |
| 3029 07     | 1 1/4"      | 0.602       | 4-36              | -                |
| 3029 08     | 1 1/2"      | 0.826       | 2-24              | -                |
| 3029 09     | 2"          | 1.323       | 2-12              | -                |
| 3029 10     | 2 1/2"      | 2.432       | 4-8               | -                |
| 3029 11     | 3"          | 3.898       | 2-4               | -                |
| 3029 12     | 4"          | 6.4         | 4                 | -                |

Precios rosca NPT a consultar / NPT thread prices on request



Ref. 3029H



**Válvula de esfera (palanca roja)**

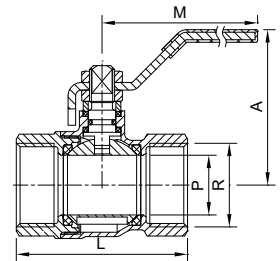
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asiento PTFE. Extremos roscados H-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

**Ball valve (red handle)**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Threaded ends F-F - ISO 228/1. Max. temp. 110°C. Steel lever manual control.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/2" | 15 | 47 | 49 | 84 |
| 3/4" | 20 | 58 | 56 | 98 |
| 1"   | 25 | 61 | 68 | 98 |

|          |      |       |       |   |
|----------|------|-------|-------|---|
| 3029H 04 | 1/2" | 0.147 | 8-144 | - |
| 3029H 05 | 3/4" | 0.256 | 8-80  | - |
| 3029H 06 | 1"   | 0.371 | 6-54  | - |



Ref. 3017N



**Válvula de esfera sin cromar rosca NPT**

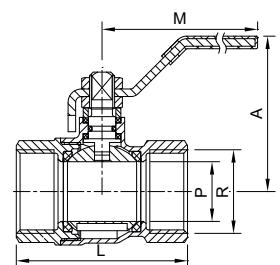
400-WOG. Paso total. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca NPT - H-H según ANSI B 1.20.1. Temperatura máx. 110°C. Mando manual por palanca de acero.

**Ball valve without chrome plating NPT thread**

400 WOG. Full bore. Brass construction UNE-EN 12165. PTFE seats. NPT threaded ends - F-F ANSI B 1.20.1. Max. temperature 110°C. Steel lever manual control.

| R      | P  | A   | L   | M   |
|--------|----|-----|-----|-----|
| 1/2"   | 15 | 47  | 49  | 84  |
| 3/4"   | 20 | 58  | 56  | 98  |
| 1"     | 25 | 61  | 68  | 98  |
| 1 1/4" | 32 | 74  | 80  | 126 |
| 1 1/2" | 40 | 80  | 89  | 126 |
| 2"     | 50 | 91  | 104 | 158 |
| 2 1/2" | 59 | 101 | 137 | 158 |
| 3"     | 72 | 131 | 158 | 196 |
| 4"     | 90 | 145 | 183 | 265 |

|          |        |       |       |   |
|----------|--------|-------|-------|---|
| 3017N 04 | 1/2"   | 0.152 | 8-144 | - |
| 3017N 05 | 3/4"   | 0.258 | 8-96  | - |
| 3017N 06 | 1"     | 0.385 | 6-72  | - |
| 3017N 07 | 1 1/4" | 0.601 | 4-48  | - |
| 3017N 08 | 1 1/2" | 0.835 | 2-24  | - |
| 3017N 09 | 2"     | 1.324 | 2-18  | - |
| 3017N 10 | 2 1/2" | 2.603 | 4-8   | - |
| 3017N 11 | 3"     | 4.091 | 2-4   | - |
| 3017N 12 | 4"     | 6.116 | 2     | - |





Ref. 3019N



**Válvula de esfera sin cromar rosca NPT**

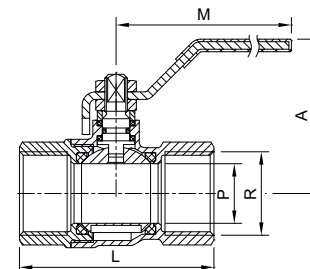
PN 40. Paso total. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca NPT - H-H según ANSI B 1.20.1. Temp. máx. 110°C. Mando manual por palanca de acero.

**Ball valve without chrome plating NPT thread**

PN 40. Full bore. Brass construction UNE-EN 12165. PTFE seats. Threaded ends NPT - F-F ANSI B 1.20.1. Max. temp. 110°C. Steel lever manual control.

| R      | P  | A  | L   | M   |
|--------|----|----|-----|-----|
| 1/4"   | 10 | 45 | 48  | 84  |
| 3/8"   | 10 | 45 | 50  | 84  |
| 1/2"   | 15 | 47 | 58  | 84  |
| 3/4"   | 20 | 58 | 65  | 98  |
| 1"     | 25 | 61 | 78  | 98  |
| 1 1/4" | 32 | 74 | 88  | 126 |
| 1 1/2" | 40 | 80 | 105 | 126 |
| 2"     | 50 | 91 | 122 | 126 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3019N 02    | 1/4"        | 0.128       | 8-192             | -                |
| 3019N 03    | 3/8"        | 0.125       | 8-192             | -                |
| 3019N 04    | 1/2"        | 0.177       | 8-144             | -                |
| 3019N 05    | 3/4"        | 0.291       | 8-80              | -                |
| 3019N 06    | 1"          | 0.452       | 6-72              | -                |
| 3019N 07    | 1 1/4"      | 0.707       | 4-48              | -                |
| 3019N 08    | 1 1/2"      | 0.991       | 2-24              | -                |
| 3019N 09    | 2"          | 1.545       | 2-18              | -                |



Ref. 3030I



**Válvula de esfera. Palanca de acero inoxidable.**

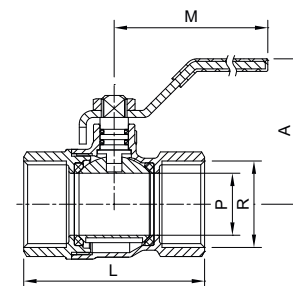
PN 25. Paso total. Construcción en latón UNE-EN 12165 niquelado. Asientos PTFE. Eje con doble o-ring. Extremos roscados ISO 228/1 - H-H. Temp. máx. 110°C. Mando manual por palanca de acero inoxidable AISI 304.

**Ball valve. Stainless Steel lever manual control.**

PN 25. Full bore. Body nickel plated brass UNE-EN 12165. PTFE seats. Stem with double o-ring. Threaded ends ISO 228/1 - F-F. Max. temp. 110°C. AISI 304 stainless Steel lever manual control.

| R      | P  | A  | L   | M   |
|--------|----|----|-----|-----|
| 1/2"   | 15 | 45 | 49  | 84  |
| 3/4"   | 20 | 53 | 56  | 93  |
| 1"     | 25 | 56 | 70  | 93  |
| 1 1/4" | 32 | 66 | 79  | 115 |
| 1 1/2" | 40 | 77 | 89  | 126 |
| 2"     | 50 | 86 | 104 | 158 |

|          |        |       |       |   |
|----------|--------|-------|-------|---|
| 3030I 04 | 1/2"   | 0.154 | 8-192 | - |
| 3030I 05 | 3/4"   | 0.254 | 8-96  | - |
| 3030I 06 | 1"     | 0.385 | 6-72  | - |
| 3030I 07 | 1 1/4" | 0.583 | 4-48  | - |
| 3030I 08 | 1 1/2" | 0.85  | 2-24  | - |
| 3030I 09 | 2"     | 1.337 | 2-18  | - |



Ref. 3031



**Válvula de esfera latón DZR. Palanca de acero inoxidable AISI 304**

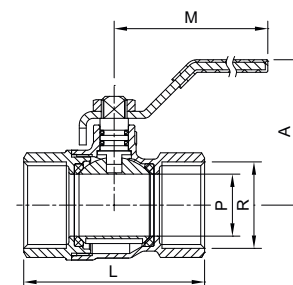
PN 25. Paso total. Construcción en latón anticorrosión DZR CW602N según UNE-EN 12165 niquelado. Asientos PTFE. Ejes con doble o-ring. Extremos roscados ISO 228/1 - H-H. Temp. máx. 110°C. Mando manual por palanca de acero inoxidable AISI 304.

**DZR ball valve. AISI 304 stainless steel lever manual control**

PN 25. Full bore. Body nickel plated CW602N DZR anticorrosion brass construction UNE-EN 12165. PTFE seats. Stem with double o-ring. Threaded ends ISO 228/1 - F-F. Max. temp. 110°C. AISI 304 stainless steel lever manual control.

| R      | P    | A  | L   | M   |
|--------|------|----|-----|-----|
| 1/2"   | 14,2 | 45 | 49  | 84  |
| 3/4"   | 19   | 53 | 56  | 93  |
| 1"     | 24   | 56 | 70  | 93  |
| 1 1/4" | 30,2 | 68 | 79  | 115 |
| 1 1/2" | 37,3 | 77 | 89  | 126 |
| 2      | 46,5 | 86 | 104 | 158 |

|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3031 04 | 1/2"   | 0.15  | 8-192 | - |
| 3031 05 | 3/4"   | 0.249 | 8-96  | - |
| 3031 06 | 1"     | 0.383 | 6-54  | - |
| 3031 07 | 1 1/4" | 0.593 | 4-36  | - |
| 3031 08 | 1 1/2" | 0.853 | 2-24  | - |
| 3031 09 | 2"     | 1.339 | 2-18  | - |



Ref. 3032



**Válvula de esfera con tomas laterales**

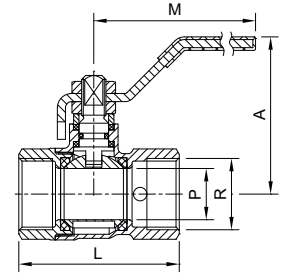
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca acero. 2 tomas laterales 1/4" - 1 de ellas con tapón.

**Ball valve with side inlets**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. temp. 110°C. Steel lever manual control. Two-sided 1/4" inlet - plug on one side.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/2" | 15 | 47 | 52 | 84 |
| 3/4" | 20 | 58 | 60 | 98 |
| 1"   | 25 | 61 | 72 | 98 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3032 04     | 1/2"        | 0.179       | 10-100            | -                |
| 3032 05     | 3/4"        | 0.294       | 8-80              | -                |
| 3032 06     | 1"          | 0.415       | 5-50              | -                |



Ref. 3033



**Válvula de esfera M-M**

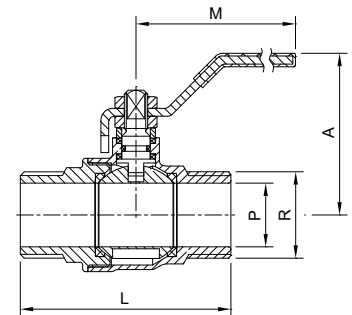
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-M - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca acero.

**Ball valve M-M**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-M - ISO 228/1. Max. Temp. 110°C. Steel lever manual control.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/2" | 15 | 47 | 56 | 84 |
| 3/4" | 20 | 58 | 65 | 98 |
| 1"   | 25 | 61 | 78 | 98 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3033 04 | 1/2" | 0.157 | 10-150 | - |
| 3033 05 | 3/4" | 0.276 | 8-72   | - |
| 3033 06 | 1"   | 0.4   | 6-54   | - |



Ref. 3034 - 3034H



**Válvula de esfera (3034 palanca azul - 3034H palanca roja)**

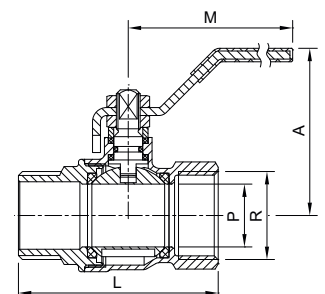
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-H ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

**Ball valve (3034 blue handle - 3034H red handle)**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F ISO 228/1. Max. temp. 110°C. Steel lever manual control.

| R      | P  | A  | L   | M   |
|--------|----|----|-----|-----|
| 1/4"   | 10 | 46 | 48  | 84  |
| 3/8"   | 10 | 46 | 49  | 84  |
| 1/2"   | 15 | 47 | 56  | 84  |
| 3/4"   | 20 | 58 | 64  | 98  |
| 1"     | 25 | 61 | 76  | 98  |
| 1 1/4" | 32 | 74 | 87  | 126 |
| 1 1/2" | 40 | 80 | 95  | 126 |
| 2"     | 50 | 91 | 109 | 158 |

|          |        |       |        |   |
|----------|--------|-------|--------|---|
| 3034 02  | 1/4"   | 0.113 | 10-200 | - |
| 3034 03  | 3/8"   | 0.118 | 10-180 | - |
| 3034 04  | 1/2"   | 0.165 | 8-144  | - |
| 3034 05  | 3/4"   | 0.279 | 6-72   | - |
| 3034 06  | 1"     | 0.401 | 6-54   | - |
| 3034 07  | 1 1/4" | 0.63  | 4-36   | - |
| 3034 08  | 1 1/2" | 0.831 | 2-24   | - |
| 3034 09  | 2"     | 1.328 | 2-16   | - |
| 3034H 04 | 1/2"   | 0.157 | 8-152  | - |
| 3034H 05 | 3/4"   | 0.261 | 6-60   | - |
| 3034H 06 | 1"     | 0.391 | 6-54   | - |



Ref. 3034I - 3034IH

NEW



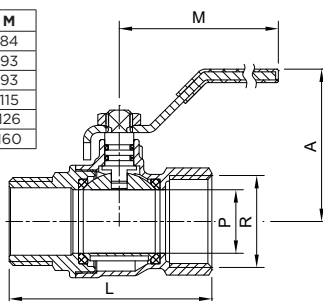
**Válvula de esfera (3034 palanca azul - 3034H palanca roja)**

PN 25. Paso total. Construcción en latón UNE-EN 12165 niquelado. Asientos PTFE. Eje con doble o-ring. Extremos roscados ISO 228/1 - M-H. Temp. máx. 110°C. Mando manual por palanca de acero inoxidable AISI 304.

**Ball valve (3034 blue handle - 3034H red handle)**

PN 25. Full bore. Body nickel plated brass UNE-EN 12165. PTFE seats. Stem with double o-ring. Threaded ends ISO 228/1 - M-F. Max. temp. 110°C. AISI 304 stainless AISI 304 steel lever manual control.

| R      | P    | A    | L     | M   |
|--------|------|------|-------|-----|
| 1/2"   | 14,2 | 45   | 57    | 84  |
| 3/4"   | 19   | 53   | 63,5  | 93  |
| 1"     | 24   | 56   | 76,6  | 93  |
| 1 1/4" | 30,2 | 68   | 84,8  | 115 |
| 1 1/2" | 37   | 76,5 | 94,5  | 126 |
| 2"     | 46,5 | 86   | 108,5 | 160 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|           |        |       |       |   |
|-----------|--------|-------|-------|---|
| 3034I 04  | 1/2"   | 0.164 | 8-152 | - |
| 3034I 05  | 3/4"   | 0.256 | 6-60  | - |
| 3034I 06  | 1"     | 0.392 | 6-54  | - |
| 3034I 07  | 1 1/4" | 0.611 | 4-36  | - |
| 3034I 08  | 1 1/2" | 0.879 | 2-18  | - |
| 3034I 09  | 2"     | 1.358 | -     | - |
| 3034IH 04 | 1/2"   | 0.164 | 8-144 | - |
| 3034IH 05 | 3/4"   | 0.256 | 6-72  | - |
| 3034IH 06 | 1"     | 0.392 | 6-54  | - |
| 3034IH 07 | 1 1/4" | 0.611 | 4-36  | - |
| 3034IH 08 | 1 1/2" | 0.879 | 2-24  | - |
| 3034IH 09 | 2"     | 1.358 | 2-16  | - |

Ref. 3035 - 3037



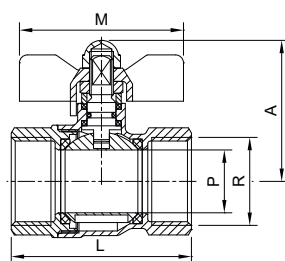
**Válvula de esfera (3035 palomilla azul - 3037 palomilla roja)**

PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asiento PTFE. Extremos rosca gas (BSP) H-H. ISO 228/1. Temp. máx. 110°C. Mando manual por palomilla aluminio.

**Ball valve (3035 blue butterfly handle - 3037 red butterfly handle)**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. temp. 110°C. Aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/4" | 10 | 38 | 40 | 50 |
| 3/8" | 10 | 38 | 43 | 50 |
| 1/2" | 15 | 40 | 49 | 50 |
| 3/4" | 20 | 50 | 56 | 62 |
| 1"   | 25 | 53 | 68 | 62 |



|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3035 02 | 1/4" | 0.088 | 12-240 | - |
| 3035 03 | 3/8" | 0.094 | 12-216 | - |
| 3035 04 | 1/2" | 0.127 | 10-180 | - |
| 3035 05 | 3/4" | 0.222 | 6-84   | - |
| 3035 06 | 1"   | 0.336 | 5-60   | - |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3037 02 | 1/4" | 0.085 | 12-240 | - |
| 3037 03 | 3/8" | 0.092 | 12-240 | - |
| 3037 04 | 1/2" | 0.127 | 10-140 | - |
| 3037 05 | 3/4" | 0.219 | 6-84   | - |
| 3037 06 | 1"   | 0.334 | 5-60   | - |



Ref. 3036 - 3038



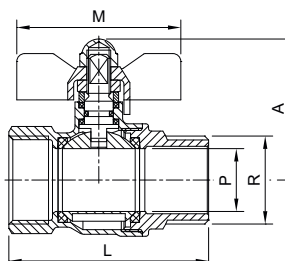
**Válvula de esfera (3036 palomilla azul - 3038 palomilla roja)**

PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palomilla aluminio.

**Ball valve (3036 blue butterfly handle - 3038 red butterfly handle)**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends M-F (BSP) - ISO 228/1. Max. temp. 110°C. Aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/4" | 10 | 38 | 48 | 50 |
| 3/8" | 10 | 38 | 49 | 50 |
| 1/2" | 15 | 40 | 56 | 50 |
| 3/4" | 20 | 50 | 64 | 62 |
| 1"   | 25 | 53 | 76 | 62 |



|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3036 02 | 1/4" | 0.095 | 12-240 | - |
| 3036 03 | 3/8" | 0.1   | 12-216 | - |
| 3036 04 | 1/2" | 0.135 | 8-128  | - |
| 3036 05 | 3/4" | 0.231 | 6-96   | - |
| 3036 06 | 1"   | 0.355 | 5-60   | - |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3038 02 | 1/4" | 0.091 | 12-240 | - |
| 3038 03 | 3/8" | 0.096 | 12-240 | - |
| 3038 04 | 1/2" | 0.136 | 8-128  | - |
| 3038 05 | 3/4" | 0.231 | 6-108  | - |
| 3038 06 | 1"   | 0.356 | 5-60   | - |



Ref. 3046



**Válvula de esfera con racor dos piezas**

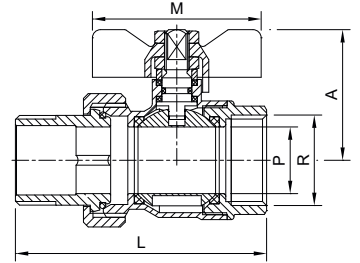
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-H ISO 228/1. Temp. máx. 110°C. Mando manual por palomilla aluminio.

**Ball valve with 2 pieces connector**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F - ISO 228/1. Max. Temp. 110°C. Aluminium butterfly handle for manual control.

| R      | P  | A  | L   | M  |
|--------|----|----|-----|----|
| 1/2"   | 15 | 36 | 69  | 50 |
| 3/4"   | 20 | 44 | 76  | 62 |
| 1"     | 25 | 48 | 92  | 62 |
| 1 1/4" | 30 | 57 | 106 | 78 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3046 04     | 1/2"        | 0.175       | 18-108            | -                |
| 3046 05     | 3/4"        | 0.299       | 10-60             | -                |
| 3046 06     | 1"          | 0.474       | 6-42              | -                |
| 3046 07     | 1 1/4"      | 0.689       | 4-32              | -                |



Ref. 3075



**Válvula de esfera escuadra M-H con racor dos piezas**

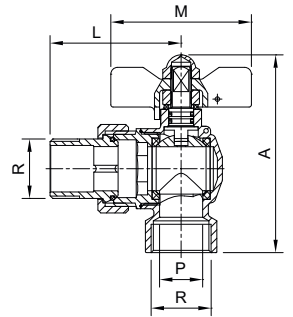
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palomilla aluminio.

**Ball angle valve M-F with 2 pieces detachable connector**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded end (BSP) M-F - ISO 228/1. Max. Temp. 110°C. Aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 3/4" | 20 | 87 | 58 | 62 |
| 1"   | 25 | 97 | 63 | 62 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 3075 05 | 3/4" | 0.352 | 8-48 | - |
| 3075 06 | 1"   | 0.546 | 5-30 | - |



Ref. 3048



**Válvula de esfera con racor dos piezas**

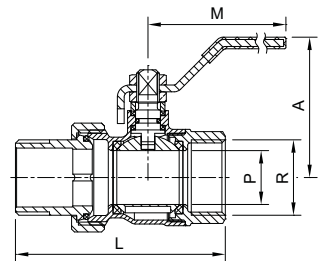
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de acero.

**Ball valve with 2 pieces connector**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F - ISO 228/1. Max. Temp. 110°C. Steel lever manual control.

| R      | DN | P    | A  | L   | M   |
|--------|----|------|----|-----|-----|
| 1/2"   | 15 | 14   | 47 | 69  | 84  |
| 3/4"   | 20 | 19   | 58 | 76  | 98  |
| 1"     | 25 | 24   | 61 | 92  | 98  |
| 1 1/4" | 32 | 30   | 74 | 106 | 126 |
| 1 1/2" | 40 | 37   | 80 | 119 | 126 |
| 2"     | 50 | 46,5 | 91 | 141 | 158 |

|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3048 04 | 1/2"   | 0.196 | 8-192 | - |
| 3048 05 | 3/4"   | 0.335 | 6-60  | - |
| 3048 06 | 1"     | 0.51  | 4-48  | - |
| 3048 07 | 1 1/4" | 0.759 | 2-20  | - |
| 3048 08 | 1 1/2" | 1.105 | 2-24  | - |
| 3048 09 | 2"     | 1.673 | 2-18  | - |



Ref. 3084



**Válvula de esfera mando cuadradillo**

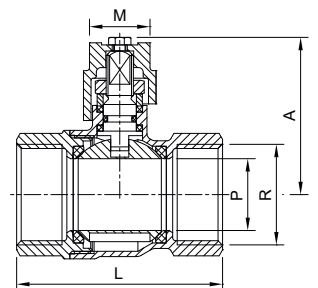
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Accionamiento mediante cuadradillo.

**Square handle ball valve**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. temp. 110°C. Square handle.

| R      | P  | A  | L   | M  |
|--------|----|----|-----|----|
| 1/2"   | 15 | 38 | 49  | 20 |
| 3/4"   | 20 | 49 | 56  | 20 |
| 1"     | 25 | 52 | 68  | 20 |
| 1 1/4" | 32 | 63 | 80  | 30 |
| 1 1/2" | 40 | 69 | 89  | 30 |
| 2"     | 50 | 80 | 104 | 30 |

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3084 04 | 1/2"   | 0.147 | 15-210 | - |
| 3084 05 | 3/4"   | 0.236 | 10-140 | - |
| 3084 06 | 1"     | 0.359 | 8-80   | - |
| 3084 07 | 1 1/4" | 0.576 | 5-40   | - |
| 3084 08 | 1 1/2" | 0.783 | 1-16   | - |
| 3084 09 | 2"     | 1.225 | 2-16   | - |



Ref. 3085



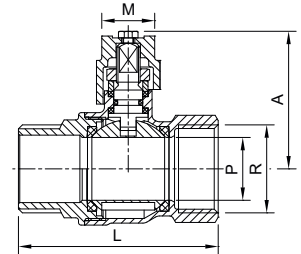
**Válvula de esfera M-H mando cuadradillo**

PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Accionamiento mediante cuadradillo.

**Square handle ball valve M-F**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F - ISO 228/1. Max. temp. 110°C. Square handle.

| R      | P  | A  | L   | M  |
|--------|----|----|-----|----|
| 1/2"   | 15 | 38 | 55  | 20 |
| 3/4"   | 20 | 49 | 64  | 20 |
| 1"     | 25 | 52 | 76  | 20 |
| 1 1/4" | 32 | 63 | 87  | 30 |
| 1 1/2" | 40 | 69 | 89  | 30 |
| 2"     | 50 | 80 | 109 | 30 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3085 04     | 1/2"        | 0.156       | 10-180            | -                |
| 3085 05     | 3/4"        | 0.249       | 6-108             | -                |
| 3085 06     | 1"          | 0.382       | 6-72              | -                |
| 3085 07     | 1 1/4"      | 0.63        | 5-40              | -                |
| 3085 08     | 1 1/2"      | 0.778       | 2-20              | -                |
| 3085 09     | 2"          | 1.22        | 2-16              | -                |

Ref. 3088



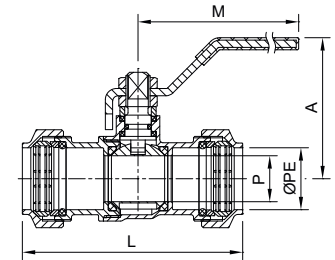
**Válvula de esfera tubería PE**

PN 25. Paso total. Construcción en latón s/UNE-EN 12165. Asientos PTFE. Extremos conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -20°C a +110°C. Aplicable para la unión de tubo de polietileno de baja-media y alta densidad. Mando manual por palanca de acero.

**Ball valve for PE pipe**

PN 25. Full bore. Brass construction UNE-EN 12165. PTFE seats. Genebre's designed "RAC-GE" air tight system ends for connection to pipe. Working temp.: -20 °C to 110 °C. Applicable for the connection of low-medium and high density polyethylene pipe. Steel lever manual control.

| DN | Ø PE | P  | A  | L   | M  |
|----|------|----|----|-----|----|
| 15 | 20   | 14 | 47 | 77  | 84 |
| 20 | 25   | 19 | 58 | 91  | 98 |
| 25 | 32   | 24 | 61 | 109 | 98 |



|         |         |       |      |   |
|---------|---------|-------|------|---|
| 3088 04 | 20 x 20 | 0.216 | 6-72 | - |
| 3088 05 | 25 x 25 | 0.378 | 6-54 | - |
| 3088 06 | 32 x 32 | 0.565 | 3-27 | - |

Ref. 3089



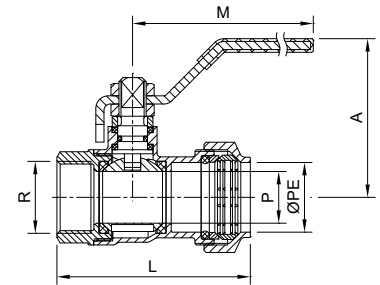
**Válvula de esfera tubería PE**

PN 25. Paso total. Construcción en latón s/UNE-EN 12165. Extremos roscado gas hembra s/ISO 228/1. Asiento PTFE. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -20°C a + 110°C. Aplicable para la unión de tubo de polietileno de baja-media y alta densidad. Mando manual por palanca de acero.

**Ball valve for PE pipe**

PN 25. Full bore. Brass UNE-EN 12165. Female gas threaded ends ISO 228/1. PTFE Seats. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -20 °C to 110 °C. Applicable for the connection of low-medium and high density polyethylene pipe. Steel lever manual control.

| R    | DN | Ø PE | P  | A  | L  | M  |
|------|----|------|----|----|----|----|
| 3/4" | 20 | 25   | 19 | 58 | 71 | 98 |
| 1"   | 25 | 32   | 24 | 61 | 86 | 98 |
| 1/2" | 15 | 20   | 14 | 47 | 61 | 84 |



|         |           |       |       |   |
|---------|-----------|-------|-------|---|
| 3089 04 | 1/2" x 20 | 0.186 | 8-144 | - |
| 3089 05 | 3/4" x 25 | 0.32  | 6-72  | - |
| 3089 06 | 1" x 32   | 0.474 | 4-48  | - |

Ref. 3272E - 3282E

**NEW**



**Válvula de esfera 3 vías para montaje actuador tipo "L" (3272E) y tipo "T" (3282E)**

PN 25. Paso total. Construcción en latón niquelado UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) H ISO 228/1. Obturador esférico en 2/3 vías en forma "L" / "T". Juntas tóricas EPDM. Temp. máx. 150°C. Mando manual por palanca. Conexión a actuador s/ ISO 5211.

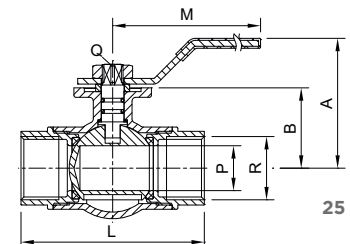
**3 ways ball valve for direct assembling type "L" (3272E) and type "T" (3282E)**

PN 25. Full bore. Body nickel plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F SO 228/1. 2/3 ways spherial seal type "L" / "T". EPDM o-rings. Max. temp. 150°C. Steel lever manual control. Direct assembling ISO 5211.

| R      | P    | A  | B    | L   | M   | Q  | ISO 5211 |
|--------|------|----|------|-----|-----|----|----------|
| 1/2"   | 15   | 58 | 33   | 74  | 104 | 9  | F03      |
| 3/4"   | 20   | 63 | 38   | 85  | 111 | 9  | F04      |
| 1"     | 25   | 68 | 43   | 97  | 111 | 9  | F04      |
| 1 1/4" | 30   | 79 | 49,5 | 118 | 180 | 14 | F05      |
| 1 1/2" | 37   | 86 | 56,5 | 138 | 180 | 14 | F05      |
| 2"     | 46,5 | 94 | 65   | 160 | 180 | 14 | F05      |

|          |        |       |      |   |
|----------|--------|-------|------|---|
| 3272E 04 | 1/2"   | 0.449 | 4-60 | - |
| 3272E 05 | 3/4"   | 0.681 | 2-30 | - |
| 3272E 06 | 1"     | 1.039 | 2-24 | - |
| 3272E 07 | 1 1/4" | 1.769 | -    | - |
| 3272E 08 | 1 1/2" | 2.531 | -    | - |
| 3272E 09 | 2"     | 4.197 | -    | - |
| 3282E 04 | 1/2"   | 0.448 | 4-60 | - |
| 3282E 05 | 3/4"   | 0.669 | 2-30 | - |
| 3282E 06 | 1"     | 0.981 | 2-24 | - |
| 3282E 07 | 1 1/4" | 1.729 | -    | - |
| 3282E 08 | 1 1/2" | 2.461 | -    | - |
| 3282E 09 | 2"     | 4.072 | -    | - |

Precios a consultar / Prices on request



Ref. 3070 - 3080



**Válvula esfera 3 vías tipo "L" (3070) y Tipo "T" (3080)**

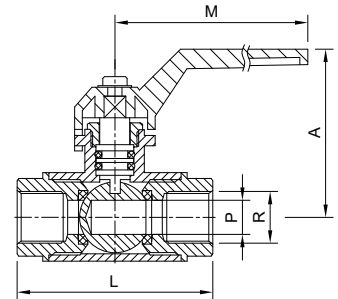
PN 25. Construcción en latón UNE-EN 12165 cromado. Asientos de PTFE. Extremos rosca gas (BSP) H - ISO 228/1. Obturador esférico en dos/tres vías en forma "L" / "T". Temp. máx. 120°C. Mando manual por palanca.

**Type "L" (3070) and Type "T" (3080) 3 way ball valve**

PN 25. Chrome plated brass UNE-EN 12165 body. 4 PTFE seats. Gas threaded ends (BSP) F - ISO 228/1. Spherical seal 2/3 way type "L" / "T". Max. Temp. 120°C. Manual control lever.

| R      | P  | A   | L   | M   |
|--------|----|-----|-----|-----|
| 1 1/4" | 29 | 100 | 118 | 170 |
| 1 1/2" | 36 | 120 | 138 | 170 |
| 2"     | 45 | 130 | 162 | 260 |

| TIPO | PASO | PASO |   |   |
|------|------|------|---|---|
|      |      | 1    | 2 | 3 |
| L    | 1    |      |   |   |
|      | 2    |      |   |   |
| T    | 1    |      |   |   |
|      | 2    |      |   |   |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3070 07     | 1 1/4"      | 2.203       | 2-16              | -                |
| 3070 08     | 1 1/2"      | 3.34        | 2-6               | -                |
| 3070 09     | 2"          | 5.452       | 2-4               | -                |
| 3080 07     | 1 1/4"      | 2.232       | 2-16              | -                |
| 3080 08     | 1 1/2"      | 3.358       | 2-6               | -                |
| 3080 09     | 2"          | 5.34        | 2-4               | -                |

Ref. 3096 - 3096H



**Válvula esfera mini (3096 palanca azul - 3096H palanca roja)**

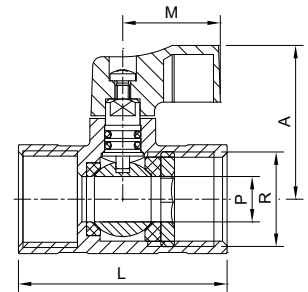
PN 16. Paso reducido. Construcción en latón cromado UNE-EN 12165 . Asientos PTFE. Extremos rosca gas (BSP) H-H según ISO 228/1. Temp. máx. 110°C. Mando palomilla aluminio.

**Mini ball valve (3096 blue handle - 3096H red handle)**

PN 16. Reduced bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F ISO 228/1. Max. temp. 110°C. Butterfly handle operated aluminium

| R    | P    | A  | L  | M  |
|------|------|----|----|----|
| 1/8" | 6,5  | 28 | 37 | 22 |
| 1/4" | 6,5  | 28 | 39 | 22 |
| 3/8" | 8    | 30 | 42 | 22 |
| 1/2" | 10   | 33 | 46 | 22 |
| 3/4" | 12,5 | 36 | 55 | 22 |

|          |      |       |        |   |
|----------|------|-------|--------|---|
| 3096 01  | 1/8" | 0.051 | 20-480 | - |
| 3096 02  | 1/4" | 0.048 | 20-480 | - |
| 3096 03  | 3/8" | 0.073 | 15-240 | - |
| 3096 04  | 1/2" | 0.102 | 10-160 | - |
| 3096 05  | 3/4" | 0.174 | 8-192  | - |
| 3096H 01 | 1/8" | 0.051 | 20-480 | - |
| 3096H 02 | 1/4" | 0.048 | 20-480 | - |
| 3096H 03 | 3/8" | 0.073 | 15-360 | - |
| 3096H 04 | 1/2" | 0.102 | 10-240 | - |
| 3096H 05 | 3/4" | 0.174 | 8-192  | - |



Ref. 3097 - 3097H



**Válvula esfera mini (3097 palanca azul - 3097H palanca roja)**

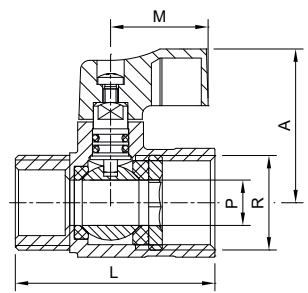
PN 16. Paso reducido. Construcción en latón cromado UNE-EN 12165 . Asientos PTFE. Extremos rosca gas (BSP) M-H según ISO 228/1. Temp. máx. 110°C. Mando palomilla aluminio.

**Mini ball valve (3097 blue handle - 3097H red handle)**

PN 16. Reduced bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F ISO 228/1. Max. temp. 110°C. Butterfly handle operated aluminium.

| R    | P    | A  | L  | M  |
|------|------|----|----|----|
| 1/8" | 6,5  | 28 | 36 | 22 |
| 1/4" | 6,5  | 28 | 37 | 22 |
| 3/8" | 8    | 30 | 40 | 22 |
| 1/2" | 10   | 33 | 44 | 22 |
| 3/4" | 12,5 | 36 | 52 | 22 |

|          |      |       |        |   |
|----------|------|-------|--------|---|
| 3097 01  | 1/8" | 0.046 | 20-480 | - |
| 3097 02  | 1/4" | 0.045 | 20-480 | - |
| 3097 03  | 3/8" | 0.066 | 15-300 | - |
| 3097 04  | 1/2" | 0.095 | 10-200 | - |
| 3097 05  | 3/4" | 0.157 | 8-192  | - |
| 3097H 01 | 1/8" | 0.046 | 20-480 | - |
| 3097H 02 | 1/4" | 0.045 | 20-480 | - |
| 3097H 03 | 3/8" | 0.064 | 15-360 | - |
| 3097H 04 | 1/2" | 0.115 | 10-240 | - |
| 3097H 05 | 3/4" | 0.184 | 8-192  | - |





Ref. 3451



**Válvula de esfera mini con tuerca loca**

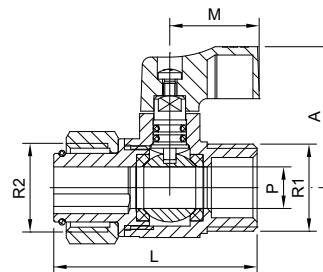
PN 16. Paso reducido. Construcción en latón cromado UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) M-H según ISO 228/1. Temp. máx. 110°C. Mando palomilla aluminio.

**Mini ball valve with free nut**

PN 16. Reduced bore. Body chrome plated brass UNE-EN 12165. PTFE Seats. M-F gas (BSP) threaded ends according ISO 228/1. Max. temp. 110°C. Aluminium butterfly handle.

| R1   | R2   | P    | A  | L  | M  |
|------|------|------|----|----|----|
| 1/2" | 1/2" | 10   | 33 | 49 | 22 |
| 1/2" | 3/4" | 10   | 33 | 49 | 22 |
| 3/4" | 3/4" | 12,5 | 36 | 54 | 22 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3451 04 04  | 1/2" x 1/2" | 0.116       | 10-80             | -                |
| 3451 04 05  | 1/2" x 3/4" | 0.134       | 25-150            | -                |
| 3451 05 05  | 3/4" x 3/4" | 0.188       | 25-150            | -                |



Ref. 3396



**Válvula esfera mini H-H**

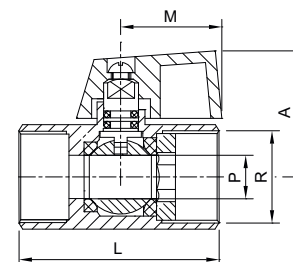
PN 16. Paso reducido. Construcción en latón cromado UNE-EN 12165. Asientos PTFE. Barra hexagonal cromada. Extremos rosca gas (BSP) H-H según ISO 228/1. Temp. máx. 110°C. Mando palomilla aluminio.

**Mini ball valve F-F**

PN 16. Reduced bore. Hexagonal body chrome plated brass UNE-EN 12165. PTFE seats - female gas threaded ends (BSP) ISO 228/1. Max. Temp. 110°C. Butterfly handle operated aluminium.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/8" | 6  | 26 | 37 | 23 |
| 1/4" | 8  | 26 | 40 | 23 |
| 3/8" | 8  | 27 | 42 | 23 |
| 1/2" | 10 | 28 | 45 | 23 |
| 3/4" | 12 | 30 | 53 | 23 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3396 01 | 1/8" | 0.09  | 15-360 | - |
| 3396 02 | 1/4" | 0.09  | 15-360 | - |
| 3396 03 | 3/8" | 0.081 | 15-360 | - |
| 3396 04 | 1/2" | 0.101 | 10-180 | - |
| 3396 05 | 3/4" | 0.193 | 8-192  | - |



Ref. 3397



**Válvula esfera mini M-H**

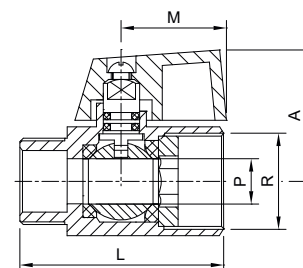
PN 16. Paso reducido. Construcción en latón cromado UNE-EN 12165. Asientos PTFE. Barra hexagonal cromada. Extremos rosca gas (BSP) M-H según ISO 228/1. Temp. máx. 110°C. Mando palomilla aluminio.

**Mini ball valve M-F**

PN 16. Reduced bore. Hexagonal body, chrome plated brass UNE-EN 12165. PTFE seats. M-F gas threaded ends (BSP) ISO 228/1. Max. Temp. 110°C. Aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/8" | 6  | 26 | 37 | 23 |
| 1/4" | 8  | 26 | 40 | 23 |
| 3/8" | 8  | 27 | 41 | 23 |
| 1/2" | 10 | 28 | 45 | 23 |
| 3/4" | 12 | 30 | 53 | 23 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3397 01 | 1/8" | 0.071 | 15-360 | - |
| 3397 02 | 1/4" | 0.075 | 15-360 | - |
| 3397 03 | 3/8" | 0.072 | 15-360 | - |
| 3397 04 | 1/2" | 0.094 | 10-240 | - |
| 3397 05 | 3/4" | 0.175 | 8-192  | - |



Ref. 70302



**Válvula esfera escuadra con tuerca loca**

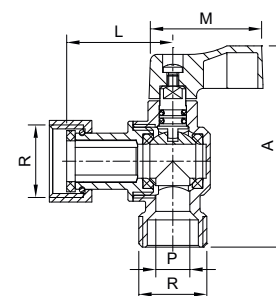
PN 16. Paso total. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Extremos roscados rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de aluminio azul.

**Ball angle valve with free nut**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F, ISO 228/1. Max. temp. 110°C. Blue aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/2" | 10 | 59 | 29 | 33 |
| 3/4" | 14 | 65 | 33 | 33 |

|             |             |       |        |   |
|-------------|-------------|-------|--------|---|
| 70302 04 00 | 1/2" x 1/2" | 0.111 | 10-160 | - |
| 70302 05 00 | 3/4" x 3/4" | 0.175 | 10-120 | - |



Ref. 70304



**Valvula esfera escuadra con tuerca loca**

PN 16 Paso total. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Extremos roscados rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de aluminio rojo.

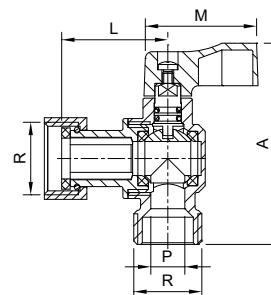
**Ball angle valve with free nut**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F, ISO 228/1. Max. temp. 110°C. Red aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/2" | 10 | 59 | 29 | 33 |
| 3/4" | 14 | 65 | 33 | 33 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|             |             |       |        |   |
|-------------|-------------|-------|--------|---|
| 70304 04 00 | 1/2" x 1/2" | 0.111 | 10-160 | - |
| 70304 05 00 | 3/4" x 3/4" | 0.184 | 10-120 | - |



Ref. 3044



**Válvula de descarga para caldera**

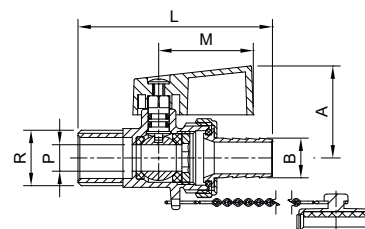
PN 25. Paso total. Construcción en latón niquelado UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) M ISO 228/1 y conexión a manguera Ø 15 con tapón seguridad. Temp. máx. 110°C. Mando manual por palomilla aluminio color rojo.

**Boiler discharge valve**

PN 25. Full bore. Body brass UNE-EN 12165 Nickel-plated finishing. PTFE seats. Threaded end male ISO 228/1 and Ø 15 hose connection with safety cap. Max. Temp. 110°C. Aluminium butterfly red handle.

| R x B        | P  | A  | L  | M    |
|--------------|----|----|----|------|
| G 1/2" x Ø15 | 10 | 34 | 72 | 35,5 |

|         |            |       |       |   |
|---------|------------|-------|-------|---|
| 3044 04 | 1/2" x Ø15 | 0.136 | 8-160 | - |
|---------|------------|-------|-------|---|



Ref. 3081



**Válvula esfera soldar**

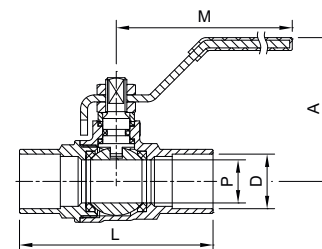
PN 16. Paso total. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos para soldar. Temp. máx. 110°C. Mando manual por palanca acero.

**Welding ball valve**

PN 16. Full bore. Brass body UNE-EN 12165. PTFE seats. Welding ends. Max. Temp. 110°C. Steel lever manual control.

| D   | P  | A  | L   | M   |
|-----|----|----|-----|-----|
| Ø15 | 12 | 46 | 57  | 84  |
| Ø18 | 15 | 47 | 64  | 84  |
| Ø22 | 20 | 58 | 72  | 98  |
| Ø28 | 25 | 61 | 85  | 98  |
| Ø35 | 32 | 75 | 96  | 135 |
| Ø42 | 40 | 80 | 115 | 135 |
| Ø54 | 50 | 90 | 140 | 165 |

|         |     |       |        |   |
|---------|-----|-------|--------|---|
| 3081 15 | Ø15 | 0.128 | 12-192 | - |
| 3081 18 | Ø18 | 0.153 | 10-160 | - |
| 3081 22 | Ø22 | 0.254 | 8-88   | - |
| 3081 28 | Ø28 | 0.371 | 6-60   | - |
| 3081 35 | Ø35 | 0.583 | 2-36   | - |
| 3081 42 | Ø42 | 0.869 | 1-18   | - |
| 3081 54 | Ø54 | 1.43  | 1-12   | - |



Ref. 3082



**Válvula esfera soldar**

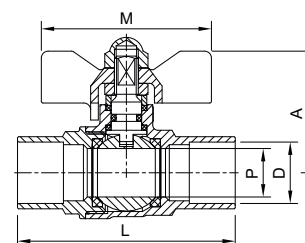
PN 16. Paso total. Construcción en latón según UNE-EN 12165. Asientos PTFE. Extremos para soldar. Temp. máx. 110°C. Mando manual por palomilla aluminio.

**Welding ball valve**

PN 16. Full bore. Brass body UNE-EN 12165. PTFE seats. Welding ends. Max. Temp. 110°C. Aluminium butterfly handle operated.

| D   | P  | A  | L  | M  |
|-----|----|----|----|----|
| Ø15 | 12 | 39 | 57 | 50 |
| Ø18 | 15 | 40 | 64 | 50 |
| Ø22 | 20 | 50 | 72 | 62 |

|         |     |       |        |   |
|---------|-----|-------|--------|---|
| 3082 15 | Ø15 | 0.109 | 10-240 | - |
| 3082 18 | Ø18 | 0.133 | 8-192  | - |
| 3082 22 | Ø22 | 0.214 | 5-120  | - |



Ref. K3000



**Kit prolongador**

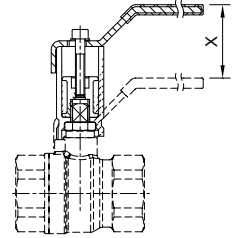
Distanciador de palanca en latón cromado según UNE-EN 12165. Para aplicar a los artículos indicados en la siguiente tabla.

**Extension kit**

Lever spacer in chromed brass UNE-EN 12165. For use of the items indicated in the table below.

| Ref.     | X (mm) | 3020, 3021, 3022, 3029, 3032, 3033, 3034 | 3081    |
|----------|--------|--|---------|
| K3000 01 | 39     | 1/2"                                     | Ø15-Ø18 |
| K3000 02 | 40     | 3/4" - 1"                                | Ø22-Ø28 |
| K3000 03 | 51     | 1 1/4" - 1 1/2"                          | Ø35-Ø42 |
| K3000 04 | 55     | 2" - 2 1/2"                              | Ø54     |

| CÓDIGO CODE | MEDIDA SIZE     | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-----------------|-------------|-------------------|------------------|
| K3000 01    | 1/2"            | 0.064       | 25-250            | -                |
| K3000 02    | 3/4" - 1"       | 0.093       | 20-200            | -                |
| K3000 03    | 1 1/4" - 1 1/2" | 0.149       | 10-100            | -                |
| K3000 04    | 2" - 2 1/2"     | 0.44        | 10-100            | -                |



Ref. 3234



**Válvula esfera prolongada para aislamiento**

PN 25. Paso total. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual palanca acero.

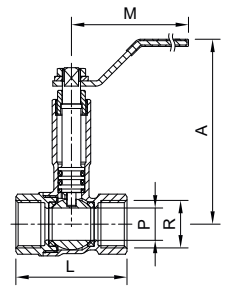
**Ball valve with extension for isolation**

PN 25. Full bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. Steel lever for manual control.

| R      | P  | A    | L  | M  |
|--------|----|------|----|----|
| G 1/2" | 15 | 81,5 | 49 | 84 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 3234 04 | 1/2" | 0.188 | 5-90 | - |
|---------|------|-------|------|---|

Precios a consultar / Prices on request



Ref. 3235



**Válvula esfera prolongada para aislamiento**

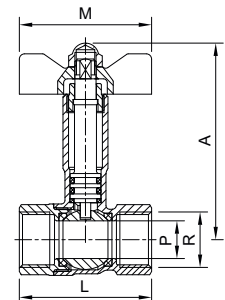
PN 25. Paso total. Construcción en latón cromado UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual palomilla aluminio.

**Ball valve with extension for isolation**

PN 25. Full bore. Body chrome plated brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. Aluminium butterfly handle.

| R      | P  | A  | L  | M  |
|--------|----|----|----|----|
| G 1/2" | 15 | 75 | 49 | 50 |
| G 3/4" | 20 | 78 | 56 | 50 |

|         |      |       |       |   |
|---------|------|-------|-------|---|
| 3235 04 | 1/2" | 0.195 | 5-120 | - |
| 3235 05 | 3/4" | 0.28  | 4-96  | - |





# Válvulas empotrar

## Built-In valves

ON  
OFF

UNE-EN  
12165



**Conexiones roscadas M-F**  
Threaded ends M-F

**G ISO 228/1 | NPT**



**Con casquillos multicapa y PEX-a**  
Multilayer pipe and PEX-a pipe



**Extremos soldar**  
Welding ends

PN 16 | 25



**Accionamientos**  
Controls

**Manetas con florón (M3035, M3057)**  
**Mando oculto (M3054)**

**Prolongador eje válvulas (K3052)**

Handles with cover (M3055, M3057)  
Hidden control (M3054)  
Stretchers for valve stem (K3052)



**Diferentes dimensiones y pasos**

Different dimensions and bores

**Total, Estándar, Reducido**

Full, Standard, Reduced



**Acabados**

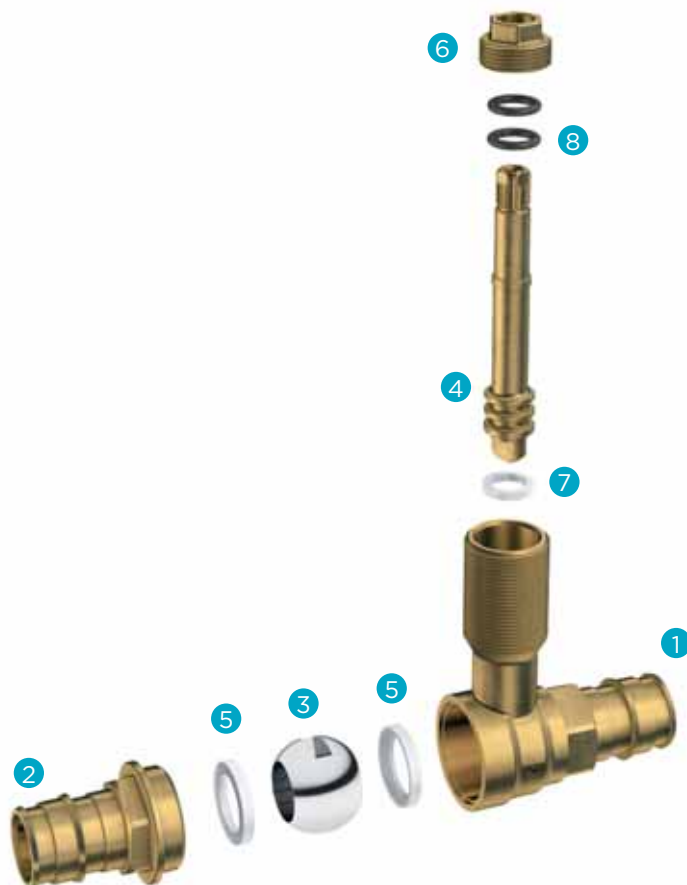
Color finished

**Cromado**

**Latón**

Chrome plated

Brass



### Elementos

Elements

1. Cuerpo | Body
2. Tapa | Cap
3. Esfera | Ball
4. Eje + Juntas tóricas | Stem + O'rings
5. Asientos | Ball seats
6. Tuerca | Nut
7. Anillo PTFE | PTFE ring
8. Juntas tóricas | O'rings

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 3056



**Válvula de esfera empotrar rosca gas**

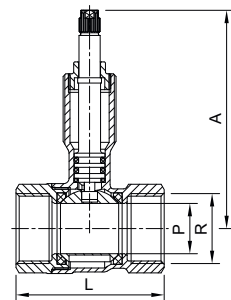
PN 25. Paso total. Construcción en latón según UNE-EN 12165. Asientos PTFE. Extremos roscados gas (BSP) H-H ISO 228/1. Temp. máx. 110°C.

**Built-in gas threaded ball valve**

PN 25. Full bore. Body brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C.

| R    | P  | A  | L  |
|------|----|----|----|
| 1/2" | 15 | 79 | 49 |
| 3/4" | 20 | 82 | 56 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3056 04 | 1/2" | 0.173 | 15-120 | - |
| 3056 05 | 3/4" | 0.251 | 12-96  | - |



Ref. 3083



**Válvula de esfera empotrar soldar**

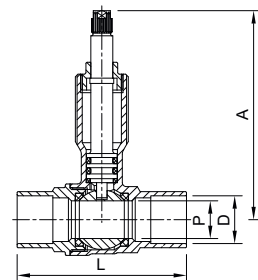
PN 16. Paso total. Construcción en latón según UNE-EN 12165. Asientos PTFE. Extremos para soldar. Temp. máx. 110°C.

**Built-in ball valve - welding ends**

PN 16. Full bore. Body brass UNE-EN 12165. PTFE seats. Welding ends. Max. Temp. 110°C.

| D  | P  | A  | L  |
|----|----|----|----|
| 15 | 12 | 78 | 57 |
| 18 | 15 | 79 | 64 |
| 22 | 20 | 82 | 72 |

|         |     |       |        |   |
|---------|-----|-------|--------|---|
| 3083 15 | Ø15 | 0.149 | 12-144 | - |
| 3083 18 | Ø18 | 0.177 | 8-128  | - |
| 3083 22 | Ø22 | 0.249 | 10-80  | - |



Ref. 3183



**Válvulas empotrar tubería Pex y Multicapa con casquillos de prensar**

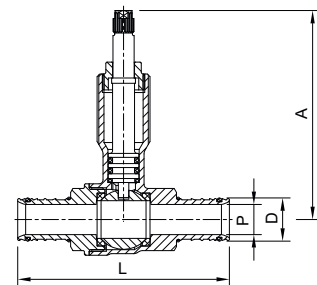
PN 25. Paso estándar. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Casquillos de prensar de acero inoxidable AISI 304. Anillo anti electrolisis. Juntas EPDM. Temp. máx. 110°C.

**Built-in valve for Pex and Multilayer pipe with press sockets**

PN 25. Standard bore. Body chrome plated brass UNE-EN 12165. PTFE seats. AISI 304 stainless steel press sockets. Anti-electrolysis ring. EPDM joints. Max. Temp. 110°C.

| Ø Tubo/Pipe | P  | L   | A    |
|-------------|----|-----|------|
| Ø16 x 2     | 8  | 82  | 78   |
| Ø20 x 2     | 12 | 90  | 79   |
| Ø25 x 2,5   | 15 | 101 | 82,5 |

|         |           |       |        |   |
|---------|-----------|-------|--------|---|
| 3183 16 | Ø16 x 2   | 0.169 | 12-120 | - |
| 3183 20 | Ø20 x 2   | 0.198 | 8-80   | - |
| 3183 25 | Ø25 x 2,5 | 0.31  | 8-64   | - |



Ref. 3184



**Válvula empotrar en "U" tubería Pex y Multicapa con casquillos de prensar**

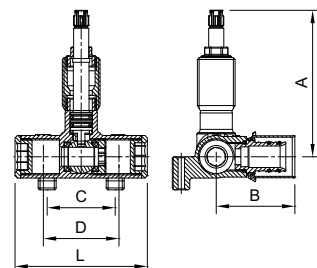
PN 25. Paso estándar. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Casquillos de prensar de acero inoxidable AISI 304. Anillo anti electrolisis. Juntas EPDM. Temp. máx. 110°C.

**"U" built-in ball valve Pex and Multilayer pipe with press sockets**

PN 25. Standard bore. Body chrome plated brass UNE-EN 12165. PTFE seats. AISI 304 stainless steel press sockets. Anti-electrolysis ring. EPDM joints. Max. Temp. 110°C.

| Ø Tubo/Pipe | L  | A  | B    | C  | D  |
|-------------|----|----|------|----|----|
| Ø20 x 2     | 70 | 77 | 41,5 | 36 | 40 |
| Ø25 x 2,5   | 87 | 80 | 49   | 36 | 50 |

|         |           |       |      |   |
|---------|-----------|-------|------|---|
| 3184 20 | Ø20 x 2   | 0.293 | 6-60 | - |
| 3184 25 | Ø25 x 2,5 | 0.457 | 4-40 | - |



Ref. 3183S

NEW



**Válvula tubería PEX y Multicapa con casquillos de prensar**

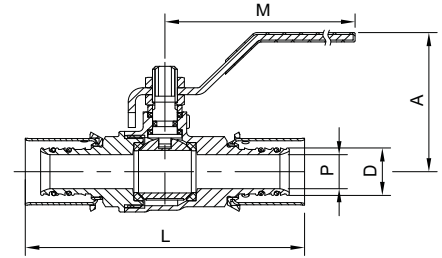
PN 25. Paso estándar. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Casquillos de prensar de acero inoxidable AISI 304. Anillo anti electrolisis. Juntas EPDM. Temp. máx. 110°C.

**Valve for Pex and Multilayer pipe with press sockets**

PN 25. Standard bore. Body chrome plated brass UNE-EN 12165. PTFE seats. AISI 304 stainless steel press sockets. Anti-electrolysis ring. EPDM joints. Max. Temp. 110°C.

| Ø Tubo/Pipe | P  | A  | L    | M  |
|-------------|----|----|------|----|
| Ø16 x 2     | 8  | 46 | 82,5 | 83 |
| Ø20 x 2     | 12 | 47 | 88,5 | 83 |
| Ø25 x 2,5   | 15 | 58 | 101  | 97 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3183S 16    | Ø16 x 2     | 0.157       | 25-150            | -                |
| 3183S 20    | Ø20 x 2     | 0.195       | 20-120            | -                |
| 3183S 25    | Ø25 x 2,5   | 0.353       | 11-66             | -                |



Ref. 3183B

**Válvula empotrar tubería PEX-a sistema de expansión**

PN25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Temp. máx. 110°C.

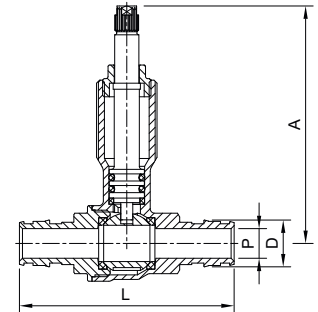
**Built-in ball valve PEX-a expansion system**

PN25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Max. temp. 110°C.



| ØTubo/Pipe | P  | L   | A  |
|------------|----|-----|----|
| Ø 16 x 1,8 | 10 | 71  | 79 |
| Ø20 x 1,9  | 13 | 83  | 79 |
| Ø25 x 2,3  | 18 | 101 | 83 |
| Ø32 x 2,9  | 24 | 111 | 86 |

|          |            |       |        |   |
|----------|------------|-------|--------|---|
| 3183B 16 | Ø 16 x 1,8 | 0.166 | 12-120 | - |
| 3183B 20 | Ø20 x 1,9  | 0.204 | 8-80   | - |
| 3183B 25 | Ø25 x 2,3  | 0.307 | 8-64   | - |
| 3183B 32 | Ø32 x 2,9  | 0.396 | 10-60  | - |



Ref. 3184B

**Válvula empotrar en "U" para tubería PEX-a sistema de expansión**

PN 25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Temp. máx. 110°C.

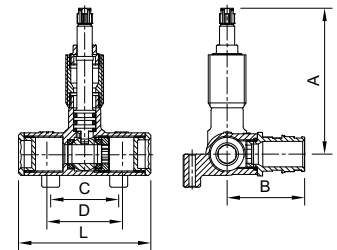
**"U" built-in ball valve PEX-a expansion system**

PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Max. temp. 110°C.



| ØTubo/Pipe | L  | A  | B    | C  | D  |
|------------|----|----|------|----|----|
| Ø 20 x 1,9 | 70 | 77 | 40,5 | 36 | 40 |
| Ø 25 x 2,3 | 87 | 80 | 50,5 | 36 | 50 |

|          |            |       |      |   |
|----------|------------|-------|------|---|
| 3184B 20 | Ø 20 x 1,9 | 0.309 | 6-60 | - |
| 3184B 25 | Ø 25 x 2,3 | 0.465 | 4-40 | - |



Ref. 3183BS

NEW



**Válvula tubería PEX-a sistema de expansión**

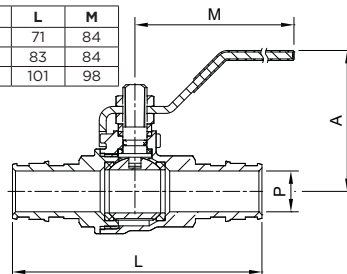
PN 25. Paso estándar. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Temperatura máxima de trabajo 110°C.

**Valve PEX-a pipe for expansion system**

PN 25. Standard bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Maximum working temperature 110°C.

| ØTubo/Pipe | P  | A  | L   | M  |
|------------|----|----|-----|----|
| Ø 16 x 1,8 | 10 | 47 | 71  | 84 |
| Ø20 x 1,9  | 14 | 47 | 83  | 84 |
| Ø25 x 2,3  | 18 | 58 | 101 | 98 |

|           |           |       |   |   |
|-----------|-----------|-------|---|---|
| 3183BS 16 | Ø16 x 1,8 | 0.148 | - | - |
| 3183BS 20 | Ø20 x 1,9 | 0.187 | - | - |
| 3183BS 25 | Ø25 x 2,3 | 0.333 | - | - |





Ref. 3183AR

NEW

**Accesorio de prensar para tubería pex y multicapa, conexión macho**

PN 10. Construcción en latón cromado según UNE-EN 12165. Casquillos de prensar de acero inoxidable AISI 304. Anillo anti electrolisis. Juntas de EPDM. Extremo rosca gas (BSP) M, ISO 228/1. Temp. máx. 95°C.

**Press fitting for pex and multilayer pipe with sockets, male connection**

PN 10. Brass construction UNE-EN 12165. AISI 304 stainless steel sockets. Anti-electrolysis ring. EPDM socket joints. Gas threaded end (BSP) M, ISO 228/1. Max. temperature 95°C.



| CÓDIGO CODE  | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|--------------|-------------|-------------|-------------------|------------------|
| 3183AR 16 04 | Ø16 x 1/2"  | 0.041       | -                 | -                |
| 3183AR 20 04 | Ø20 x 1/2"  | 0.049       | -                 | -                |
| 3183AR 20 05 | Ø20 x 3/4"  | 0.063       | -                 | -                |
| 3183AR 25 05 | Ø25 x 3/4"  | 0.082       | -                 | -                |
| 3183AR 25 06 | Ø25 x 1"    | 0.115       | -                 | -                |

Precios a consultar / Prices on request

Ref. 3183AS

NEW

**Accesorio de prensar para tubería pex y multicapa, extremo soldar cobre**

PN 10. Construcción en latón cromado según UNE-EN 12165. Casquillos de prensar de acero inoxidable AISI 304. Anillo anti electrolisis. Juntas de EPDM. Extremos para soldar. Temp. máx. 95°C.

**Press fitting for pex and multilayer pipe with sockets, copper welding end.**

PN 10. Brass construction UNE-EN 12165. AISI 304 stainless steel sockets. Anti-electrolysis ring. EPDM socket joints. Welding end. Max. temperature 95°C.



|              |           |       |   |   |
|--------------|-----------|-------|---|---|
| 3183AS 16 15 | Ø16 x Ø15 | 0.028 | - | - |
| 3183AS 20 18 | Ø20 x Ø18 | 0.042 | - | - |
| 3183AS 20 22 | Ø20 x Ø22 | 0.048 | - | - |
| 3183AS 25 22 | Ø25 x Ø22 | 0.067 | - | - |

Precios a consultar / Prices on request

Ref. K3053

**Prolongador florón para válvulas empotrar**

Construcción en latón según UNE-EN 12165. Extremos roscados M-H, rosca W20 x 19h".

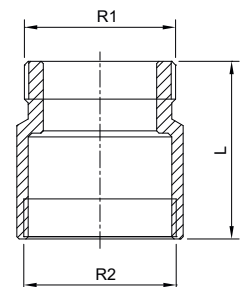
**Cover extension for built in valves**

Body brass UNE-EN 12165. Threaded ends M-F, W20 x 19h" thread.



| R1         | R2         | L    |
|------------|------------|------|
| W20 x 19h" | W20 x 19h" | 23,5 |

|       |   |       |         |   |
|-------|---|-------|---------|---|
| K3053 | - | 0.017 | 10-1000 | - |
|-------|---|-------|---------|---|



Ref. K3052P

**Prolongador maneta para válvulas empotrar**

Construcción en latón según UNE-EN 12165. Tornillo de fijación incluido.

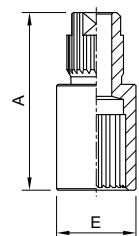
**Handle extension for built in valves**

Body brass UNE-EN 12165. Fixing screw included



| A    | ØE   | Z  |
|------|------|----|
| 23,5 | 10,5 | 20 |

|        |   |      |          |   |
|--------|---|------|----------|---|
| K3052P | - | 0.01 | 210-1890 | - |
|--------|---|------|----------|---|



Ref. M3055



**Maneta con florón**

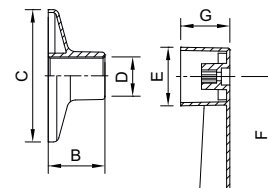
Maneta adaptable a todas las medidas de nuestras válvulas 3056, 3083, 3183, 3183B, 3184 y 3184B. Construcción de maneta y florón en zamak, acabado cromado pulido. Con refuerzo en el aro de sujeción al grafilado del eje. Incluye juego de tapones rojo y azul.

**Handle with cover**

Handle adaptable to all sizes of our valves 3056, 3083, 3183, 3183B, 3184 and 3184B. Zamak body, handle and cover with polished chrom-plating. Reinforced fastening ring stem. It includes blue and red plastic caps.

| B  | C   | D   | E   | F  | G  |
|----|-----|-----|-----|----|----|
| 30 | Ø70 | Ø20 | Ø31 | 61 | 26 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| M3055       | -           | 0.153       | 15-135            | -                |



Ref. M3054



**Mando oculto**

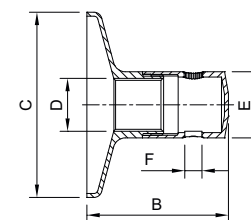
Permite ocultar eje accionador de llaves de paso empotradas. Maneta adaptable a todas las medidas de nuestras válvulas 3056, 3083, 3183, 3183B, 3184 y 3184B. Construcción de maneta en latón según UNE-EN 12165 acabado cromado pulido y florón en zamak, acabado cromado pulido.

**Hidden control**

Activating stem of the built-in shut off valve can be hidden. Handle adaptable to all sizes of our valves 3056, 3083, 3183, 3183B, 3184 and 3184B. Polished chrom-plating brass handle UNE -EN 12165. Zamak cover with polished chrom-plating.

| B  | C   | D   | E   | F    |
|----|-----|-----|-----|------|
| 55 | Ø70 | Ø20 | Ø25 | Ø6,5 |

|       |   |       |        |   |
|-------|---|-------|--------|---|
| M3054 | - | 0.109 | 15-135 | - |
|-------|---|-------|--------|---|



Ref. M3057



**Maneta con florón**

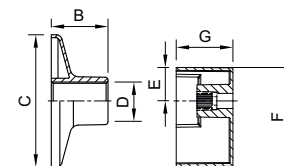
Maneta adaptable a todas las medidas de nuestras válvulas 3056, 3083, 3183, 3183B, 3184 y 3184B. Construcción de maneta y florón en zamak, acabado cromado y pulido. Con refuerzo en el aro de sujeción al grafilado del eje. Incluye juego de tapones rojo y azul.

**Handle with cover**

Handle adaptable to all sizes of our valves 3056, 3083, 3183, 3183B, 3184 and 3184B. Zamak handle body and cover, polished chromed. Reinforced fastening ring stem. It includes blue and red plastic caps.

| B  | C   | D   | E  | F  | G  |
|----|-----|-----|----|----|----|
| 30 | Ø70 | Ø20 | 18 | 53 | 30 |

|       |   |      |        |   |
|-------|---|------|--------|---|
| M3057 | - | 0.14 | 15-135 | - |
|-------|---|------|--------|---|



Ref. K3054



**Kit mando con florón 2 piezas**

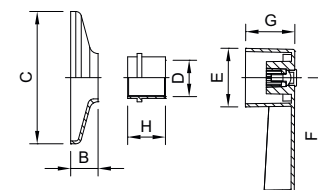
Maneta adaptable a todas las medidas de nuestras válvulas 3056, 3083, 3183, 3183B, 3184 y 3184B. Construcción de maneta y florón en zamak y adaptador de latón, acabado cromado pulido. Con refuerzo en el aro de sujeción al grafilado del eje. Incluye juego de tapones rojo y azul.

**Handle with 2 pieces cover kit**

Available handle to all sizes of our valves 3056, 3083, 3183, 3183B, 3184 and 3184B. Zamak handle and cover, brass adapter, polished chrom-plating. Reinforced fastening ring stem. It includes blue and red plastic caps.

| B    | C   | D   | E   | F  | G  | H  |
|------|-----|-----|-----|----|----|----|
| 14,5 | Ø70 | Ø20 | Ø31 | 61 | 26 | 20 |

|       |      |       |        |   |
|-------|------|-------|--------|---|
| K3054 | 1/2" | 0.137 | 15-135 | - |
|-------|------|-------|--------|---|



# Válvulas de jardín

## Bibcock valves

ON  
OFF

UNE-EN  
12165

**Conexiones roscadas**  
Threaded ends  
**G ISO 228/1 | NPT**

**Enchufe rápido**  
Outlet with  
**RAPID-GE**  
o manguera estándar  
or 2 pieces hose connection

PN 16



**Accionamientos**  
Controls

Palanca acero (Dacromet o inox)  
Palomilla (aluminio)  
T-Handle (Polímero)  
Orificio antihielo

Manual lever (Dacromet or Stainles steel)  
Butterfly (aluminium)  
T-handle (Polymer)  
Antifreeze decompression hole



**Diferentes dimensiones y pasos**  
Different dimensions and bores  
**Total, Estándar, Reducido**  
Full, Standard, Reduced



**Acabados**

Coolor finished

**Cromado**

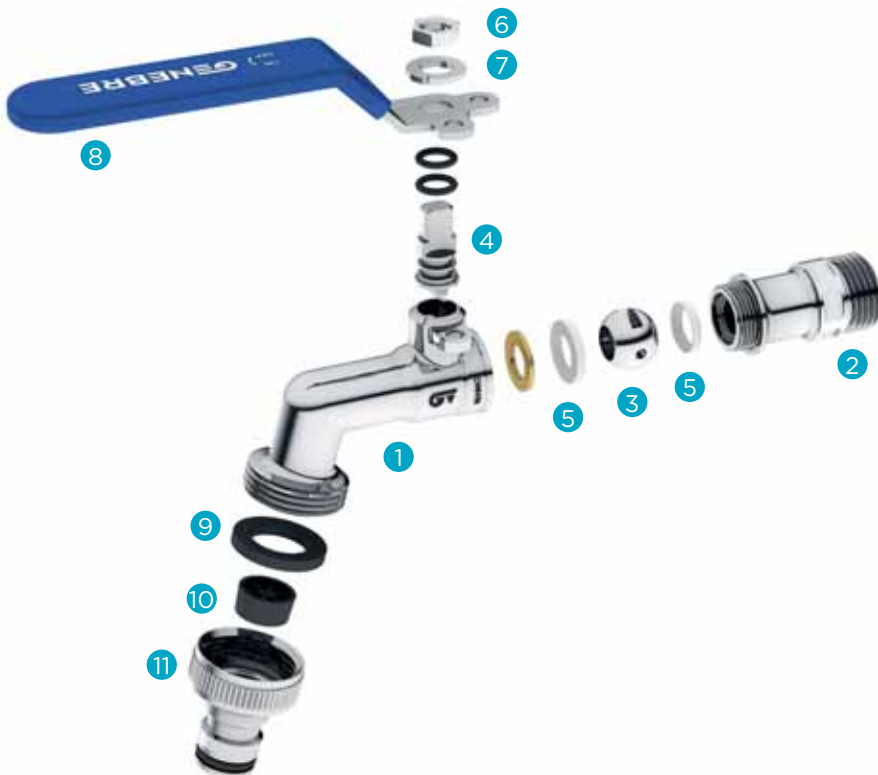
**Latón**

**Acero Inoxidable**

Chrome plated

Brass

Stainless steel



### Elementos

Elements

1. Cuerpo | Body
2. Tapa | Cap
3. Esfera | Ball
4. Eje + Juntas tóricas | Stem + O'rings
5. Asientos | Ball seats
6. Tuerca | Nut
7. Arandela | Washer
8. Accionamiento | Handle
9. Junta plana | Joint
10. Difusor | Diffuser
11. Conexión | Hose Connection



# Gelock System

Algunas de nuestras válvulas para manguera incorporan el sistema de seguridad que permite fijar la posición deseada: abierta-cerrada

**Some of our bibcock ball valves, incorporate the safety system that allows you to set the desired position: open-close**



Ref. 3059



**Válvula de esfera para manguera. Paso total.**

PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor dos piezas conexión manguera. Temp. máx. 100°C. Mando manual por palanca de acero. Precintable en posición de apertura y cierre.

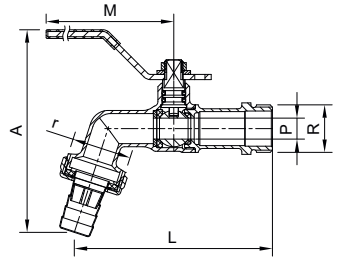
**Bibcock ball valve. Full bore.**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE Seats. Gas threaded inlet (BSP) M - ISO 228/1. 2 pieces hose connection outlet. Max. Temp. 100°C. Steel manual control lever. Lockable in open and close position.

| R    | r    | P  | A   | L   | M  |
|------|------|----|-----|-----|----|
| 1/2" | 3/4" | 10 | 88  | 85  | 84 |
| 3/4" | 1"   | 12 | 95  | 95  | 84 |
| 1"   | 1"   | 15 | 112 | 119 | 98 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 3059 04 | 1/2" x 3/4" | 0.15  | 16-144 | - |
| 3059 05 | 3/4" x 1"   | 0.199 | 10-90  | - |
| 3059 06 | 1" x 1"     | 0.305 | 6-54   | - |



Ref. 3059L



**Válvula de esfera para manguera rosca larga**

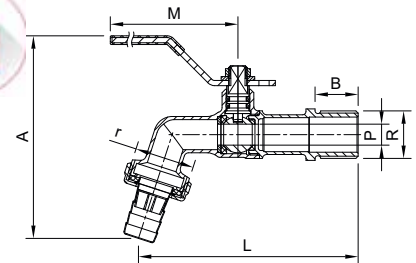
PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada roscada gas (BSP) M - ISO 228/1. Salida racor dos piezas conexión manguera. Temp. máx. 100°C. Mando manual por palanca de acero. Precintable en apertura y cierre.

**Bibcock ball valve with long thread**

PN 16. Full bore. Body chrome-plated brass UNE-EN 12165. PTFE seats. Gas threaded inlet (BSP) M- ISO 228/1. 2 pieces hose connection outlet. Max. temp. 100°C. Steel manual control lever. Lockable in open and close position.

| R    | r    | P  | A  | L  | M  | B  |
|------|------|----|----|----|----|----|
| 1/2" | 3/4" | 10 | 88 | 97 | 84 | 19 |

|          |      |       |        |   |
|----------|------|-------|--------|---|
| 3059L 04 | 1/2" | 0.173 | 16-128 | - |
|----------|------|-------|--------|---|



Ref. 3059R



**Válvula de esfera para manguera. Paso estándar.**

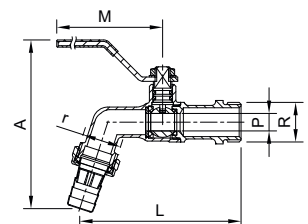
PN 16. Paso estándar. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor dos piezas conexión manguera. Temp. máx. 100°C. Mando manual por palanca de acero. Precintable en posición de apertura y cierre.

**Bibcock ball valve. Standard bore.**

PN 16. Standard bore. Body chrome plated brass UNE-EN 12165. PTFE Seats. Gas threaded inlet (BSP) M - ISO 228/1. 2 pieces hose connection outlet. Max. Temp. 100°C. Steel manual control lever. Lockable in open and close position.

| R    | r    | P   | A  | L  | M  |
|------|------|-----|----|----|----|
| 1/2" | 1/2" | 9,5 | 89 | 85 | 84 |
| 3/4" | 3/4" | 9,5 | 89 | 86 | 84 |

|          |             |       |        |   |
|----------|-------------|-------|--------|---|
| 3059R 04 | 1/2" x 1/2" | 0.158 | 16-144 | - |
| 3059R 05 | 3/4" x 3/4" | 0.168 | 10-90  | - |



Ref. 3059D



**Válvula de esfera para manguera con dos salidas**

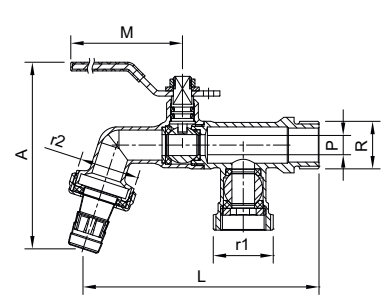
PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor dos piezas conexión manguera. Salida rosca macho 3/4". Temp. máx. 100°C. Mando manual por palanca de acero / aluminio. Precintable en posición de apertura y cierre.

**Bibcock ball valve with two outlets**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE Seats. Gas threaded inlet (BSP) M - ISO 228/1. 2 pieces hose connection outlet. 3/4" male threaded outlet. Max. Temp. 100°C. Steel / Aluminum manual control lever. Lockable in open and close position.

| R    | r1   | r2   | P  | A  | L   | M  |
|------|------|------|----|----|-----|----|
| 1/2" | 3/4" | 3/4" | 10 | 88 | 104 | 84 |

| CÓDIGO CODE | MEDIDA SIZE        | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|--------------------|-------------|-------------------|------------------|
| 3059D 04 05 | 1/2" x 3/4" x 3/4" | 0.254       | 8-96              | -                |



Ref. 3060



**Válvula de esfera para manguera Rapid-Ge**

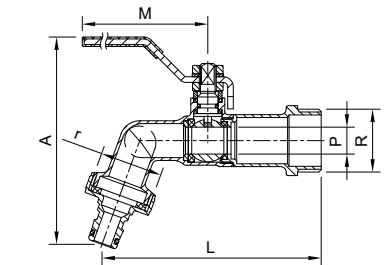
PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor Rapid-Ge conexión manguera. Temp. máx. 100°C. Mando manual por palanca de acero inoxidable. Precintable en posición de apertura y cierre.

**Bibcock Rapid-Ge ball valve**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE Seats. Gas threaded inlet (BSP) M - ISO 228/1. Outlet with Rapid-Ge hose connection. Max. Temp. 100°C. Stainless steel lever manual control. Lockable in open and close position.

| R    | r    | P  | A   | L   | M  |
|------|------|----|-----|-----|----|
| 1/2" | 3/4" | 10 | 93  | 92  | 84 |
| 3/4" | 1"   | 12 | 98  | 108 | 84 |
| 1"   | 1"   | 15 | 103 | 116 | 98 |

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 3060 04 | 1/2" x 3/4" | 0.192 | 12-108 | - |
| 3060 05 | 3/4" x 1"   | 0.255 | 8-72   | - |
| 3060 06 | 1" x 1"     | 0.327 | 6-54   | - |



Ref. 3060F



**Válvula de esfera para manguera Rapid-Ge con sistema Anti-Hielo**

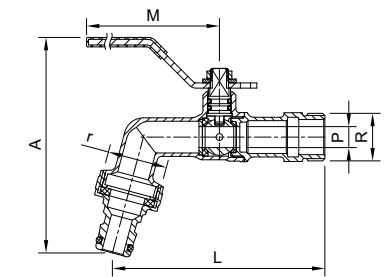
PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor Rapid-Ge conexión manguera. Temp. máx. 100°C. Mando manual por palanca de acero inoxidable. Precintable en posición de apertura y cierre. Orificio de descompresión Anti-Hielo.

**Bibcock Rapid-Ge ball valve with antifreeze system**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M - ISO 228/1. Outlet with Rapid-Ge hose connection. Max. Temp. 100°C. Stainless Steel lever manual control. Lockable in open and close position. Antifreeze decompression hole.

| R    | r    | P  | A  | L  | M  |
|------|------|----|----|----|----|
| 1/2" | 3/4" | 10 | 93 | 92 | 84 |

|          |             |       |        |   |
|----------|-------------|-------|--------|---|
| 3060F 04 | 1/2" x 3/4" | 0.193 | 12-144 | - |
|----------|-------------|-------|--------|---|



Ref. 3063



**Válvula de esfera para manguera inoxidable Rapid-Ge**

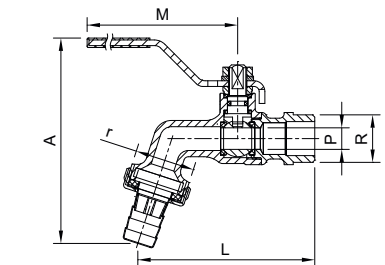
PN 16. Paso estándar. Construcción en acero inoxidable AISI 316. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor Rapid-Ge conexión manguera. Temp. máx. 100°C. Mando manual por palanca de acero inoxidable. Precintable en posición de cierre.

**Bibcock stainless steel Rapid-Ge ball valve**

PN 16. Standard bore. Stainless steel AISI 316 construction. PTFE Seats. Gas threaded inlet (BSP) M - ISO 228/1. Outlet with Rapid-Ge hose connection. Max. Temp. 100°C. Stainless steel manual control lever. Lockable in close position.

| R    | r    | P   | A  | L  | M  |
|------|------|-----|----|----|----|
| 1/2" | 3/4" | 9,5 | 93 | 93 | 96 |

|         |             |       |       |   |
|---------|-------------|-------|-------|---|
| 3063 04 | 1/2" x 3/4" | 0.211 | 15-90 | - |
|---------|-------------|-------|-------|---|



Ref. 3061



**Válvulas manguera con dos salidas giratorias independientes**

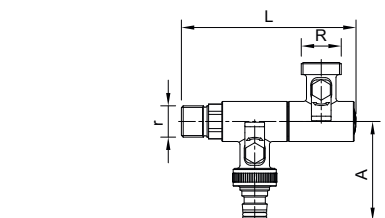
PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado y pulido. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Temp. máx. 110°C. Una salida racor Rapid-Ge conexión manguera. Salidas giratorias 360° e independientes una de la otra. Mando palomilla de aluminio.

**Bibcock valve with two independent outlet**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165 - chromed polished. PTFE seats. Gas threaded inlet (BSP) M - ISO 228/1. Max. Temp. 110°C. Aluminium butterfly handle. 1 Rapid-Ge outlet. Lever operated 360° outlets - independent from each other and rotatory. Aluminium butterfly handle.

| r    | R    | L   | A  |
|------|------|-----|----|
| 1/2" | 3/4" | 115 | 65 |

|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 3061 04 | 1/2" x 3/4" | 0.381 | 1-60 | - |
|---------|-------------|-------|------|---|



Ref. 3064



**Válvula de esfera boca de riego vertical**

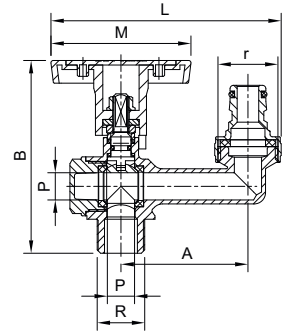
PN 16. Paso total. Construcción en latón UNE-EN 12165. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor "Rapid-Ge" para 1/2" y 3/4" y conexión manguera en 1". Temp. máx. 100°C. Accionamiento mediante maneta T.

**Vertical water hydrant ball valve**

PN16. Full bore. Body brass UNE-EN 12165. PTFE Seats. Gas threaded (BSP) M - ISO 228/1. Outlet with "Rapid-Ge" for 1/2" and 3/4" and hose connection for 1". Max. Temp. 100°C. T-handle operated.

| R    | r    | P  | A  | L   | M  | B   |
|------|------|----|----|-----|----|-----|
| 1/2" | 3/4" | 13 | 55 | 100 | 62 | 85  |
| 3/4" | 1"   | 15 | 58 | 102 | 62 | 86  |
| 1"   | 1"   | 19 | 72 | 130 | 82 | 114 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3064 04     | 1/2" x 3/4" | 0.244       | 12-72             | -                |
| 3064 05     | 3/4" x 1"   | 0.289       | 10-60             | -                |
| 3064 06     | 1" x 1"     | 0.465       | 5-30              | -                |



Ref. 3066



**Válvula de esfera para manguera T-handle Rapid-Ge**

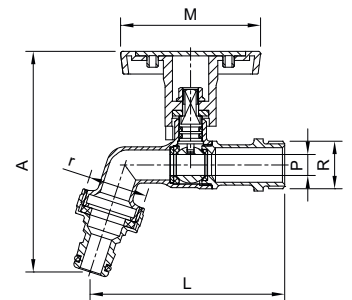
PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor Rapid-Ge conexión manguera. Temp. máx. 100°C. Accionamiento mediante maneta T.

**Bibcock ball T-handle valve Rapid-Ge**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE Seats. Gas threaded (BSP) M - ISO 228/1. Outlet with Rapid-Ge hose connection. Max. Temp. 100°C. T-handle operated.

| R    | r    | P  | A   | L  | M  |
|------|------|----|-----|----|----|
| 1/2" | 3/4" | 10 | 98  | 86 | 62 |
| 3/4" | 1"   | 12 | 104 | 96 | 62 |

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 3066 04 | 1/2" x 3/4" | 0.162 | 12-108 | - |
| 3066 05 | 3/4" x 1"   | 0.223 | 10-120 | - |



Ref. 3066B



**Válvula de esfera para manguera**

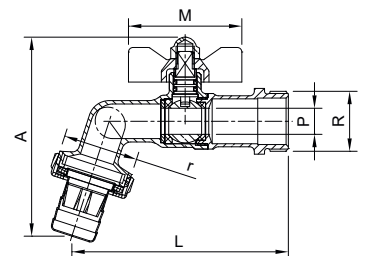
PN 16. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Entrada rosca gas (BSP) M - ISO 228/1. Salida racor dos piezas conexión manguera. Temp. máx. 100°C. Mando manual por palomilla de aluminio.

**Bibcock ball valve**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE Seats. Gas threaded inlet (BSP) M - ISO 228/1. 2 pieces hose connection outlet. Max. Temp. 100°C. Aluminium butterfly manual control.

| R    | r    | P  | A  | L  | M  |
|------|------|----|----|----|----|
| 1/2" | 3/4" | 10 | 82 | 85 | 50 |
| 3/4" | 1"   | 12 | 88 | 95 | 50 |

|          |             |       |        |   |
|----------|-------------|-------|--------|---|
| 3066B 04 | 1/2" x 3/4" | 0.123 | 15-150 | - |
| 3066B 05 | 3/4" x 1"   | 0.176 | 8-96   | - |



Ref. 3367



**Válvula de esfera para manguera**

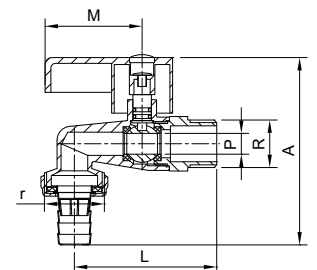
PN 16. Construcción en latón UNE-EN 12165 acabado cromado pulido. Asientos PTFE. Entrada rosca gas (BSP) M ISO 228/1. Salida racor dos piezas conexión manguera. Salida rosca macho 3/4". Temp. máx. 100°C. Mando palanca ZAMAK.

**Bibcock ball valve**

PN16. Body polished chrome plated brass UNE-EN 12165. PTFE Seats. Male gas threaded end (BSP) ISO 228/1. 2 pieces hose connection outlet. 3/4" male threaded outlet. Max. temp. 100°C. ZAMAK lever control.

| R    | r    | P | A  | L  | M  |
|------|------|---|----|----|----|
| 1/2" | 3/4" | 8 | 58 | 62 | 37 |

|         |             |       |       |   |
|---------|-------------|-------|-------|---|
| 3367 04 | 1/2" x 3/4" | 0.174 | 10-90 | - |
|---------|-------------|-------|-------|---|





Ref. 3065



### Válvula de esfera boca de riego vertical con caja y tapa

Válvula de esfera boca de riego vertical ref. 3064 y arqueta de plástico con tapa color verde. Mando con la máxima altura para facilitar la apertura y cierre de la válvula con conexión Rapid-Ge.

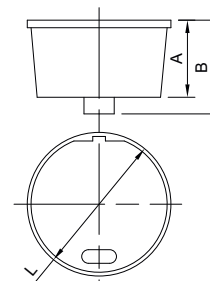
#### "Garden box" water hydrant ball valve with cover

Vertical water hydrant ball valve ref. 3064 and plastic box with green cover. Maximum height control to facilitate opening and closing of the valve Rapid-Ge connector.

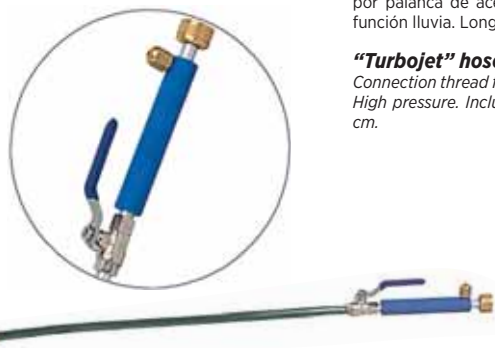
| A   | Ø L | B   |
|-----|-----|-----|
| 102 | 190 | 124 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |             |      |      |   |
|---------|-------------|------|------|---|
| 3065 04 | 1/2" x 3/4" | 0.95 | 1-12 | - |
| 3065 05 | 3/4" x 1"   | 0.95 | 1-12 | - |



Ref. 3217



### Conexión de manguera "Turbojet"

Conexión rosca tuerca loca hembra 3/4" ISO 228/1. Accionamiento manual por palanca de acero. Alta presión. Incluye 2 boquillas: función chorro y función lluvia. Longitud total 76 cm.

#### "Turbojet" hose connection

Connection thread female free nut 3/4" ISO 228/1. Steel manual control lever. High pressure. Includes 2 nozzles: stream and rain function. Total length 76 cm.

|         |      |       |   |   |
|---------|------|-------|---|---|
| 3217 00 | 3/4" | 0.358 | 6 | - |
|---------|------|-------|---|---|

Precio unitario / Unit price

Ref. R360



### Racor manguera convencional

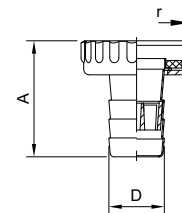
Adaptable a toda la serie de grifos manguera. Construcción en acero inox y latón según UNE-EN 12165. Acabado cromo pulido. Equipado con difusor de plástico para optimizar la homogeneidad del fluido.

#### Conventional hose connector

Adaptable to all kind of hose taps. Built in stainless steel and brass according to UNE-EN 12165. Polished chrome-plated finishing. Equipped with plastic diffuser to optimize the homogeneity of the fluid.

| r    | D    | A  |
|------|------|----|
| 3/4" | 15   | 31 |
| 1"   | 20,5 | 33 |
| 1"   | 26,5 | 42 |

|         |           |       |        |   |
|---------|-----------|-------|--------|---|
| R360 04 | 3/4" x 15 | 0.013 | 50-600 | - |
| R360 05 | 1" x 20,5 | 0.02  | 50-600 | - |
| R360 06 | 1" x 26,5 | 0.041 | 25-300 | - |



Ref. 3211



### Racor hembra rapid-Ge cromado

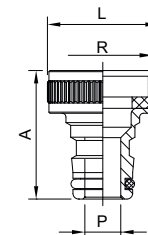
Sistema de anclaje adaptable a enchufe 3215. Construcción en latón según UNE-EN 12165 acabado cromado pulido.

#### Rapid-Ge quick female connector

Anchoring system adaptable to switch 3215. Body chrome plated brass UNE-EN 12165 - polished.

| R    | P   | A  | L    |
|------|-----|----|------|
| 3/4" | 9,5 | 34 | 28,5 |
| 1"   | 9,5 | 34 | 35,7 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3211 05 | 3/4" | 0.037 | 40-800 | - |
| 3211 06 | 1"   | 0.052 | 30-360 | - |



Ref. 3068



**Válvula de esfera de latón para bodega**

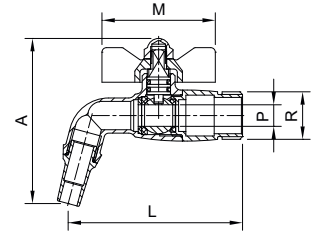
PN 16. Paso estándar. Construcción en latón UNE-EN 12165 acabado pulido cromado. Asientos PTFE. Entrada rosca gas (BSP) macho - ISO 228/1. Temp. máx. 110°C. Mando manual por palomilla de aluminio.

**Brass celler ball valve**

PN 16. Standard bore. Body chrome plated brass UNE-EN 12165 - polished. PTFE seats. Male gas threaded (BSP) inlet - ISO 228/1. Max. temp. 110°C. Aluminium butterfly handle.

| R    | P   | A  | L  | M  |
|------|-----|----|----|----|
| 1/2" | 9,5 | 75 | 77 | 50 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3068 04     | 1/2"        | 0.119       | 12-216            | -                |



Ref. 2918



**Válvula de esfera acero inoxidable para bodega**

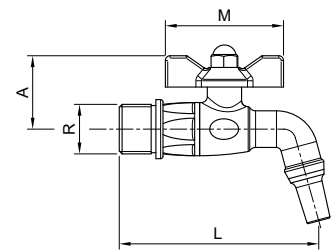
PN 16. Paso red. Construcción en acero inox - AISI 316. Asientos PTFE. Entrada rosca gas (BSP) macho según ISO 228/1. Temp. máx. 110°C. Accionamiento mediante palomilla de acero inoxidable.

**Stainless steel celler ball valve**

PN 16. Reduced bore. Body stainless steel AISI 316. PTFE seats. Male gas threaded (BSP) inlet ISO 228/1. Max. temp. 110°C. Stainless steel butterfly handle operated.

| R    | A  | L   | M  |
|------|----|-----|----|
| 3/8" | 34 | 85  | 50 |
| 1/2" | 34 | 85  | 50 |
| 3/4" | 43 | 106 | 63 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 2918 03 | 3/8" | 0.174 | 10-140 | - |
| 2918 04 | 1/2" | 0.157 | 8-112  | - |
| 2918 05 | 3/4" | 0.352 | 4-56   | - |



Ref. 2919



**Válvula de esfera acero inoxidable para bodega**

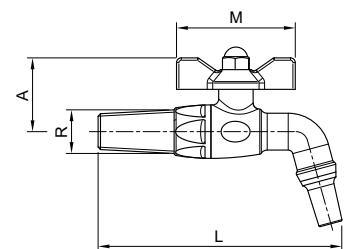
PN 16. Paso red. Construcción en acero inox - AISI 316. Entrada rosca cónica macho. Temp. máx. 110°C. Accionamiento mediante palomilla de acero inoxidable.

**Stainless steel celler ball valve**

PN 16. Reduced bore. Body stainless steel AISI 316. Male threaded conical inlet. Max. temp. 110°C. Stainless steel butterfly handle operated.

| MED. | D  | A  | L   | M  |
|------|----|----|-----|----|
| 1/2" | 18 | 34 | 85  | 50 |
| 3/4" | 26 | 43 | 106 | 63 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 2919 04 | 1/2" | 0.17  | 8-64 | - |
| 2919 05 | 3/4" | 0.396 | 4-56 | - |



# Válvulas de escuadra

## Angle valves

ON  
OFF

UNE-EN  
12165



**Conexiones roscadas**

Threaded ends

**G ISO 228/1 | NPT**



**Enchufe rápido**

Outlet with

**RAPID-GE**

o manguera estándar

or 2 pieces hose connection

PN 10 | 16



**Accionamientos**

Controls

1/4 de vuelta, manetas  
con distintos diseños

1/4 turn handle, several  
designs handles



**Diferentes dimensiones y pasos**

Different dimensions and bores

**Total, Estándar, Reducido**

Full, Standard, Reduced



**Acabados**

Color finished

**Cromado**

**Latón**

**Acero Inoxidable**

Chrome plated

Brass

Stainless steel



**Elementos**

Elements

1. Cuerpo | Body
2. Obturador | Shutter
3. Juntas tóricas | O'rings
4. Florón | Cover
5. Tornillo | Screw
6. Maneta | Handle
7. Anillo PTFE | PTFE ring
8. Junta plana + anillo | Joint + ring



Ref. 3094



**Válvula escuadra "Isis"**

PN 10. Paso estándar. Construcción en latón cromado según UNE-EN 12165 . Extremos rosca gas (BSP) M-M según ISO 228/1. Temp. máx. 110°C. Mando ABS 1/4 de vuelta. Cierre mediante eje excéntrico (Sistema Genebre).

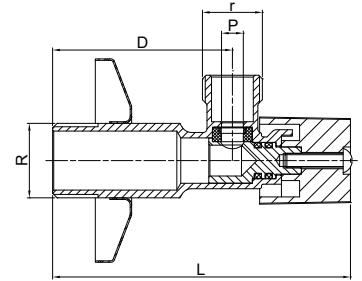
**"Isis" angle valve**

PN 10. Standard bore. Made in chromed brass according to UNE-EN 12165. Gas threaded ends (BSP) M-M ISO 228/1. Max. Temp. 110°C. ABS 1/4 turn handle. Eccentric stem closing system (Genebre system).

| R    | r    | P | L  | D  |
|------|------|---|----|----|
| 1/2" | 3/8" | 6 | 83 | 50 |
| 1/2" | 1/2" | 6 | 83 | 50 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |             |       |       |   |
|---------|-------------|-------|-------|---|
| 3094 04 | 1/2" x 3/8" | 0.074 | 2-240 | - |
| 3094 05 | 1/2" x 1/2" | 0.078 | 2-240 | - |



Ref. 3094P



**Válvula escuadra con anillo PTFE montaje rápido**

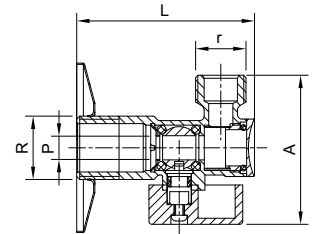
PN 10. Paso estándar. Construcción en latón UNE-EN 12165 acabado cromado pulido. Extremos rosca gas (BSP) M - M según ISO 228/1. Temp. máx. 110°C. Mando ABS 1/4 de vuelta. Cierre mediante eje excéntrico (sistema Genebre).

**Angle valve with PTFE ring to quick assembly**

PN 10. Standard bore. Body chrome plated brass UNE-EN 12165. Gas threaded ends (BSP) M-M, ISO 228/1. Max. temp. 110°C. ABS 1/4 turn handle. Eccentric stem closing system (Genebre system).

| R    | r    | P | L  | D  |
|------|------|---|----|----|
| 1/2" | 3/8" | 6 | 88 | 55 |
| 1/2" | 1/2" | 6 | 88 | 55 |

|             |             |       |       |   |
|-------------|-------------|-------|-------|---|
| 3094P 04 03 | 1/2" x 3/8" | 0.086 | 2-192 | - |
| 3094P 04 04 | 1/2" x 1/2" | 0.091 | 2-192 | - |



Ref. 3093

NEW



**Válvula de escuadra con tuerca loca**

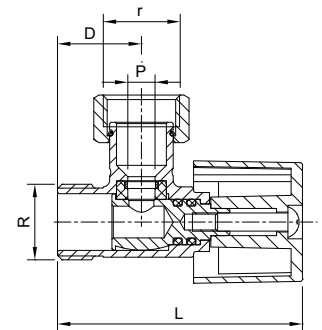
PN 10. Paso estándar. Construcción en latón UNE-EN 12165 acabado cromado pulido. Extremos rosca gas (BSP) M-H según ISO 228/1. Temp. máx. 110°C. Mando ABS 1/4 vuelta.

**Angle valve with free nut**

PN 10. Standard bore. Body chrome plated brass UNE-EN 12165. Gas threaded ends (BSP) M-H, ISO 228/1. Max. temp. 110°C. ABS 1/4 turn handle.

| R    | r    | P | L  | D    |
|------|------|---|----|------|
| 3/8" | 3/8" | 6 | 54 | 18,5 |

|         |      |       |       |   |
|---------|------|-------|-------|---|
| 3093 03 | 3/8" | 0.054 | 2-160 | - |
|---------|------|-------|-------|---|



Ref. 3094E



**Válvula escuadra económica**

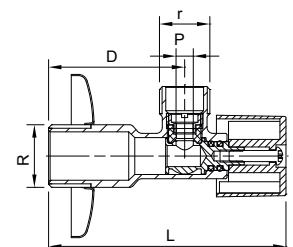
PN 10. Paso estándar. Construcción en latón cromado según UNE-EN 12165 . Extremos rosca gas (BSP) M-M según ISO 228/1. Temp. máx. 110°C. Mando ABS 1/4 de vuelta. Cierre mediante eje excéntrico (Sistema Genebre).

**Economic angle valve**

PN 10. Standard bore. Made in chromed brass according to UNE-EN 12165. Gas threaded ends (BSP) M-M ISO 228/1. Max. Temp. 110°C. ABS 1/4 turn handle. Eccentric stem closing system (Genebre system).

| R    | r    | P | L  | D  |
|------|------|---|----|----|
| 1/2" | 3/8" | 6 | 78 | 45 |
| 1/2" | 1/2" | 6 | 78 | 45 |

|          |             |       |       |   |
|----------|-------------|-------|-------|---|
| 3094E 04 | 1/2" x 3/8" | 0.074 | 2-240 | - |
| 3094E 05 | 1/2" x 1/2" | 0.08  | 2-240 | - |



Ref. 3294



**Válvula escuadra alargada**

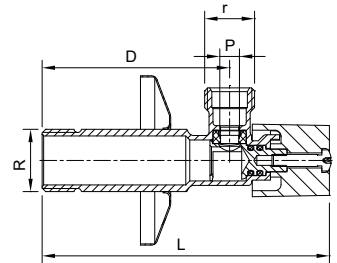
PN 10. Paso estándar. Construcción en latón cromado según UNE-EN 12165 . Extremos rosca gas (BSP) M-M según ISO 228/1. Temp. máx. 110°C. Mando ABS 1/4 de vuelta. Cierre mediante eje excéntrico (Sistema Genebre).

**Long angle valve**

PN 10. Standard bore. Made in chromed brass according to UNE-EN 12165. Gas threaded ends (BSP) M-M ISO 228/1. Max. Temp. 110°C. ABS 1/4 turn handle. Eccentric stem closing system (Genebre system).

| R    | r    | P | L  | D  |
|------|------|---|----|----|
| 1/2" | 3/8" | 6 | 95 | 62 |
| 1/2" | 1/2" | 6 | 95 | 62 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3294 04     | 1/2" x 3/8" | 0.085       | 2-216             | -                |
| 3294 05     | 1/2" x 1/2" | 0.092       | 2-200             | -                |



Ref. 3104



**Válvula escuadra redonda "Tau"**

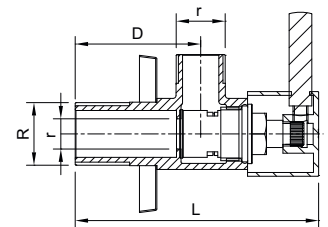
PN 10. Construcción de cuerpo y florón en latón según UNE-EN 12165 . Cromado según EN 248. Extremos roscados gas (BSP) M-M según ISO 228/1. Apertura y cierre por montura cerámica. Temp.máx. 85°C.

**Round angle valve "Tau"**

PN 10. Body and cover made in brass according to UNE-EN 12165. Chrome plated according to EN 248. Gas threaded ends (BSP) M-M ISO 228/1. Opening and closing operation by ceramic headwork. Max.temp. 85°C.

| R    | r    | P  | L  | D  |
|------|------|----|----|----|
| 1/2" | 3/8" | 10 | 81 | 41 |
| 1/2" | 1/2" | 10 | 81 | 41 |

|         |             |       |       |   |
|---------|-------------|-------|-------|---|
| 3104 04 | 1/2" x 3/8" | 0.143 | 2-132 | - |
| 3104 05 | 1/2" x 1/2" | 0.149 | 2-132 | - |



Ref. 3106



**Válvula escuadra cuadrada "Cubik"**

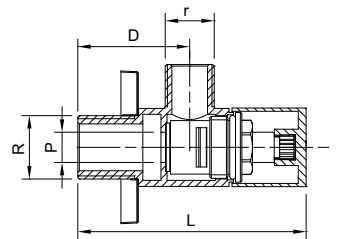
PN 10. Construcción de cuerpo y florón en latón según UNE-EN 12165 . Cromado según EN 248. Extremos roscados gas (BSP) M-M según ISO 228/1. Apertura y cierre por montura cerámica. Temp.máx. 85°C.

**Square angle valve "Cubik"**

PN 10. Body and cover made in brass according to UNE-EN 12165. Chrome plated according to EN 248. Gas threaded ends (BSP) M-M ISO 228/1. Opening and closing operation by ceramic headwork. Max.temp. 85°C.

| R    | r    | P  | L  | D  |
|------|------|----|----|----|
| 1/2" | 3/8" | 10 | 74 | 35 |
| 1/2" | 1/2" | 10 | 74 | 35 |

|         |             |       |       |   |
|---------|-------------|-------|-------|---|
| 3106 04 | 1/2" x 3/8" | 0.192 | 2-108 | - |
| 3106 05 | 1/2" x 1/2" | 0.193 | 2-120 | - |



Ref. 3109



**Válvula manguera con dos salidas independientes**

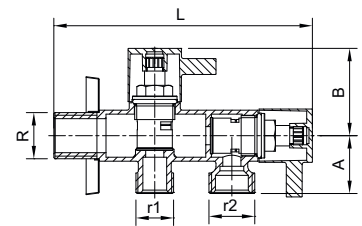
PN 10. Construcción en latón según UNE-EN 12165 cromado y pulido. Extremos roscados gas (BSP) M-M según ISO 228/1. Apertura y cierre por montura cerámica. Temp. máx. 85°C.

**Bibcock valve with two independent outlets**

PN 10. Made in brass according to UNE-EN 12165 chrome-plated and polished. Gas threaded ends (BSP) M-M ISO 228/1. Opening and closing operation by ceramic headwork. Max. temp. 85°C.

| R    | r1   | r2   | L   | A  | B  |
|------|------|------|-----|----|----|
| 1/2" | 3/8" | 1/2" | 114 | 26 | 39 |
| 1/2" | 1/2" | 1/2" | 114 | 26 | 39 |

|         |                    |       |      |   |
|---------|--------------------|-------|------|---|
| 3109 04 | 1/2" x 3/8" x 1/2" | 0.256 | 1-90 | - |
| 3109 05 | 1/2" x 1/2" x 1/2" | 0.242 | 1-60 | - |



Ref. 3062



**Válvulas manguera con dos salidas independientes sin racor**

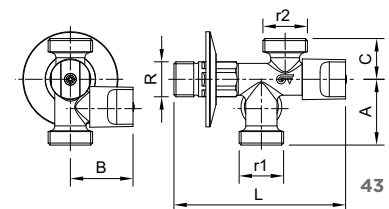
PN 16. Paso estándar. Construcción en latón UNE-EN 12165 cromado y pulido. Mandos en ABS 1/4 vuelta. Asientos PTFE. Cierre central eje excéntrico (sistema Genebre) y cierre lateral mediante esfera. Extremos roscados gas (BSP) M ISO 228/1.Temp. máx. 110°C.

**Bibcock valve with two independent outlet without hose connection**

PN 16. Standard bore. Forged brass body UNE-EN 12165 chromed polished. ABS 1/4 turn handles. PTFE seats. Eccentric stem central closing (system Genebre) and ball lateral closing. Gas threaded ends (BSP) M ISO 228/1. Max. temp. 110°C.

| R    | r1   | r2   | L   | A  | B  | C  |
|------|------|------|-----|----|----|----|
| 1/2" | 1/2" | 3/8" | 101 | 39 | 37 | 24 |
| 1/2" | 1/2" | 1/2" | 101 | 39 | 37 | 24 |
| 1/2" | 3/4" | 3/8" | 101 | 39 | 37 | 24 |
| 1/2" | 3/4" | 1/2" | 101 | 39 | 37 | 24 |
| 1/2" | 3/4" | 3/4" | 101 | 39 | 37 | 24 |

|            |                    |       |       |   |
|------------|--------------------|-------|-------|---|
| 3062 04 03 | 1/2" x 1/2" x 3/8" | 0.153 | 1-116 | - |
| 3062 04 04 | 1/2" x 1/2" x 1/2" | 0.152 | 1-116 | - |
| 3062 05 03 | 1/2" x 3/4" x 3/8" | 0.156 | 1-116 | - |
| 3062 05 04 | 1/2" x 3/4" x 1/2" | 0.158 | 1-116 | - |
| 3062 05 05 | 1/2" x 3/4" x 3/4" | 0.166 | 1-116 | - |



Ref. 3095



**Válvula de escuadra con filtro**

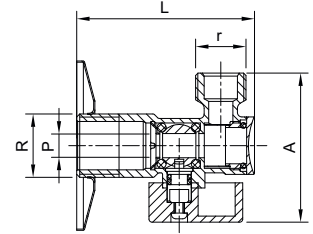
PN 10. Paso estándar. Construcción en latón según UNE-EN 12165 acabado cromado pulido. Extremos roscados macho según ISO 228/1. Temp. máx. 110°C. Filtro inox.

**Angle valve with strainer**

PN 10. Standard bore. Chrome plated brass body UNE-EN 12165 - polished. Male threaded ends (BSP) DIN 228/1. Max. temp. 110°C. Stainless steel strainer.

| R    | r    | P | A  | L  |
|------|------|---|----|----|
| 1/2" | 3/8" | 8 | 50 | 59 |
| 1/2" | 1/2" | 8 | 50 | 59 |
| 1/2" | 3/4" | 8 | 54 | 63 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3095 03     | 1/2" x 3/8" | 0.088       | 10-200            | -                |
| 3095 04     | 1/2" x 1/2" | 0.092       | 10-240            | -                |
| 3095 05     | 1/2" x 3/4" | 0.102       | 10-240            | -                |



Ref. 3095N



**Válvula de escuadra con filtro - rosca NPT**

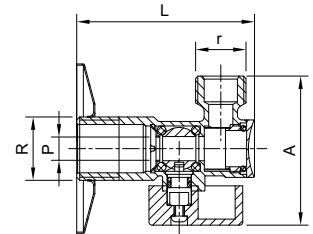
PN 10. Paso estándar. Construcción en latón según UNE-EN 12165. Acabado cromado pulido. Extremos roscados macho NPT según ANSI B 1.20.1 y UNEF 9/16 según ASME B 1.1. Temp. máx. 110°C. Filtro inox.

**Angle valve with strainer - NPT thread**

PN 10. Standard bore. Brass construction according UNE-EN 12165. Polished chrome plated. Male thread ends NPT according to ANSI B 1.20.1 and UNEF 9/16 according to ASME B 1.1. Max. temp. 110°C. Stainless steel strainer.

| R    | r             | P | A  | L  |
|------|---------------|---|----|----|
| 1/2" | UNEF 9/16 24H | 8 | 50 | 59 |

|          |                          |       |        |   |
|----------|--------------------------|-------|--------|---|
| 3095N 04 | 1/2" NPT x UNEF 9/16 24H | 0.079 | 10-240 | - |
|----------|--------------------------|-------|--------|---|



Ref. 3195N



**Válvula de escuadra con filtro - rosca NPT**

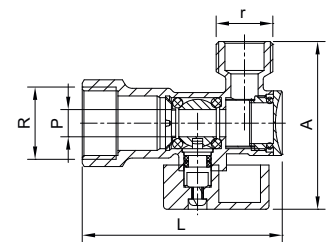
PN 10. Paso estándar. Construcción en latón según UNE-EN 12165. Acabado cromado pulido. Extremos roscados hembra NPT según ANSI B 1.20.1 y macho según ASME B 1.1 o según ISO 228/1. Temp. máx. 110°C. Filtro inox.

**Angle valve with strainer - NPT thread**

PN 10. Standard bore. Brass construction according UNE-EN 12165. Polished chrome plated. Female NPT thread end according to ANSI B 1.20.1 and male according to ASME B 1.1 or according to ISO 228/1. Max. temp. 110°C. Stainless steel strainer.

| R        | r             | P | A  | L  |
|----------|---------------|---|----|----|
| 1/2" NPT | G3/8"         | 8 | 50 | 59 |
| 1/2" NPT | UNEF 9/16 24H | 8 | 50 | 59 |

|          |                          |       |        |   |
|----------|--------------------------|-------|--------|---|
| 3195N 03 | 1/2" NPT x G3/8"         | 0.093 | 10-240 | - |
| 3195N 04 | 1/2" NPT x UNEF 9/16 24H | 0.09  | 10-150 | - |



Ref. 3196N



**Válvula de escuadra con filtro-rosca NPT**

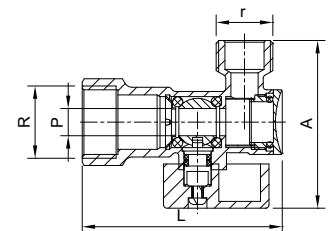
PN10. Paso estándar. Construcción en latón según UNE-EN 12165. Acabado cromado pulido. Extremos rosca hembra NPT según ANSI B 1.20.1 y macho gas (BSP), ISO 228/1. Temperatura máxima 110°C. Filtro acero inoxidable.

**Angle valve with strainer- NPT thread**

PN10. Standard bore. Brass construction according UNE-EN 12165. Polished chrome plated. Female NPT thread according ANSI B 1.20.1 and male Gas threaded (BSP), ISO 228/1. Maximum temperature 110°C. Stainless steel strainer.

| R        | r     | P | A  | L  |
|----------|-------|---|----|----|
| 1/2" NPT | G1/2" | 8 | 50 | 59 |

|          |                  |       |        |   |
|----------|------------------|-------|--------|---|
| 3196N 04 | 1/2" NPT x G1/2" | 0.101 | 10-150 | - |
|----------|------------------|-------|--------|---|





Ref. 3090



**Válvula escuadra lavadora**

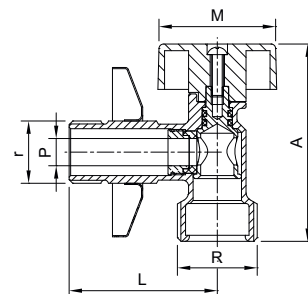
PN 10. Paso estándar. Construcción en latón según UNE-EN 12165 cromado. Asientos NBR. Extremos rosca gas (BSP) M-M ISO 228/1. Temp. máx. 110°C. Mando manual por palomilla ABS.

**Washing machine angle valve**

PN 10. Standard bore. Body brass UNE-EN 12165. NBR seats - M-M gas threaded ends (BSP) ISO 228/1. Max. temp. 110°C. ABS butterfly handle operated.

| r    | R    | P | A  | L  | M  |
|------|------|---|----|----|----|
| 1/2" | 3/4" | 9 | 65 | 49 | 39 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3090 04     | 1/2" x 3/4" | 0.113       | 10-140            | -                |



Ref. 3392



**Válvula lavadora simple cromada modelo "TEK"**

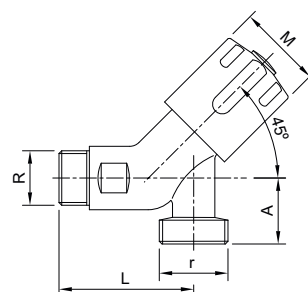
PN16. Paso estandar. Construcción en latón UNE-EN 12165 acabado cromado pulido. Extremos roscados rosca gas (BSP) M ISO 228/1. Temp. máx. 100°C. Accionamiento mediante volante. Incluye indice azul y rojo.

**"TEK" chrome-plated simple washing machine valve**

PN16. Standard bore. Body polished chrome plated brass UNE-EN 12165. Male gas threaded end (BSP) ISO 228/1. Max. temp. 100°C. Hand wheel operated. Red and blue caps included.

| R    | r    | A    | L  | M  |
|------|------|------|----|----|
| 1/2" | 3/4" | 24,5 | 51 | 32 |

|         |             |       |       |   |
|---------|-------------|-------|-------|---|
| 3392 04 | 1/2" x 3/4" | 0.194 | 10-90 | - |
|---------|-------------|-------|-------|---|



Ref. 3091



**Válvula de esfera escuadra lavadora**

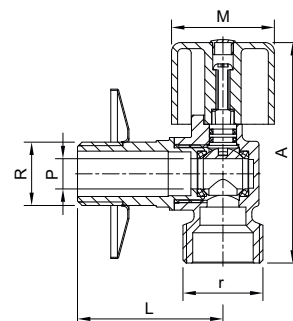
PN 16. Paso estándar. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Extremos rosca gas (BSP) M-M ISO 228/1. Temp. máx. 110°C. Mando ABS 1/4 de vuelta.

**Washing machine angle valve**

PN 16. Standard bore. Body brass according UNE-EN 12165 chrome plated. PTFE seats. Gas threaded ends (BSP) M-M ISO 228/1. Max. temp. 110°C. ABS 1/4 turn handle.

| R    | r    | P  | A  | L  | M  |
|------|------|----|----|----|----|
| 1/2" | 3/4" | 10 | 75 | 48 | 34 |

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 3091 04 | 1/2" x 3/4" | 0.147 | 10-180 | - |
|---------|-------------|-------|--------|---|



Ref. 3092



**Válvula mixta lavadora - lavabo**

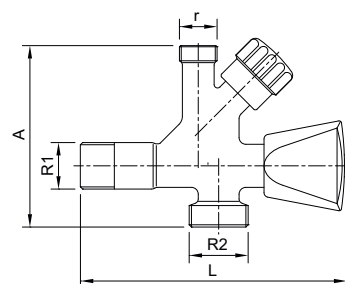
PN 16. Paso total. Construcción en latón según UNE-EN 12165. Acabado cromado pulido. Extremos roscados gas (BSP) según ISO 228/1 - accionamiento mediante volante. Temp. máx. 110°C.

**Washing machine - washbasin mixed valve**

PN 16. Full bore. Chrome plated brass body UNE-EN 12165 - polished. Gas threaded ends (BSP) ISO 228/1. Hand wheel operated. Max. temp. 110°C.

| R1   | R2   | r    | A    | L   |
|------|------|------|------|-----|
| 1/2" | 3/4" | 3/8" | 80,5 | 115 |

|         |                    |      |      |   |
|---------|--------------------|------|------|---|
| 3092 04 | 1/2" x 3/4" x 3/8" | 0.26 | 1-72 | - |
|---------|--------------------|------|------|---|



# Válvulas de retención

## Check valves

UNE-EN  
**12165**

EN  
**1982**

**Latón y bronce fundido**  
Brass and bronze casting



**Conexiones roscadas**  
Threaded ends

**G ISO 228/1 | NPT**



**Conexión a tubería**  
Connection pipe

**FE, PE...**

PN  
**8 | 16**



**Diferentes dimensiones y pasos**  
Different dimensions and bores

**Total, Estándar, Reducido**  
Full, Standard, Reduced



**Acabados**

Color finished

**Cromado + pulido**

**Latón**

**Bronce**

Chrome plated +  
polished

Brass

Bronze colour



### Elementos

Elements

1. Cuerpo | Body
2. Obturador | Shutter
3. Muelle | Spring
4. Soporte | Support

Ref. 3121 - 3121N



**Válvula de retención "REGE"**

PN 25/12. Construcción en latón UNE-EN 12165. Junta de clapeta vulcanizada de NBR. Muelle en acero inox. AISI 304. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 90°C. Montaje en cualquier posición.

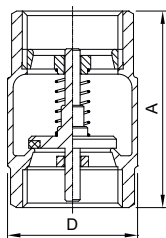
También disponible con rosca NPT (3121N).

**REGE check valve**

PN 25/12. Body brass UNE-EN 12165. Vulcanized NBR gasket plate. Stainless steel spring AISI 304. Gas threaded ends (BSP) F-F ISO 228/1. Max. temp. 90°C. Multipositional setting up.

Also available NPT thread (3121N).

| R      | PN | D   | A   |
|--------|----|-----|-----|
| 1/2"   | 25 | 30  | 50  |
| 3/4"   | 25 | 37  | 57  |
| 1"     | 25 | 43  | 65  |
| 1 1/4" | 18 | 53  | 70  |
| 1 1/2" | 18 | 65  | 76  |
| 2"     | 18 | 80  | 82  |
| 2 1/2" | 12 | 104 | 104 |
| 3"     | 12 | 124 | 113 |
| 4"     | 12 | 155 | 132 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3121 04     | 1/2"        | 0.103       | 30-270            | -                |
| 3121 05     | 3/4"        | 0.17        | 24-192            | -                |
| 3121 06     | 1"          | 0.26        | 12-96             | -                |
| 3121 07     | 1 1/4"      | 0.367       | 10-60             | -                |
| 3121 08     | 1 1/2"      | 0.516       | 5-40              | -                |
| 3121 09     | 2"          | 0.792       | 2-20              | -                |
| 3121 10     | 2 1/2"      | 1.541       | 1-12              | -                |
| 3121 11     | 3"          | 2.327       | 1-12              | -                |
| 3121 12     | 4"          | 3.706       | 1-5               | -                |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 3122P - 3122PN



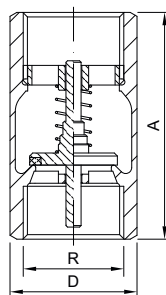
**Válvula de retención "REGE PLUS"**

PN 25/18. Construcción en latón cromado según UNE-EN 12165. Cierre NBR vulcanizado. Muelle acero inox. AISI 304. Extremos rosca gas (BSP) H-H según ISO 228/1. Temp. máx. 90°C. Montaje en cualquier posición.

**"REGE PLUS" check valve**

PN 25/18. Made in chrome-plated brass according to UNE-EN 12165. Vulcanized NBR sealing. Stainless steel AISI 304 spring. Gas threaded ends (BSP) F-F ISO 228/1. Max. temp. 90°C. Install in any position.

| R      | PN | D  | A   |
|--------|----|----|-----|
| 1/2"   | 25 | 28 | 57  |
| 3/4"   | 25 | 35 | 64  |
| 1"     | 25 | 42 | 75  |
| 1 1/4" | 18 | 52 | 82  |
| 1 1/2" | 18 | 63 | 93  |
| 2"     | 18 | 78 | 100 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3122P 04    | 1/2"        | 0.11        | 30-240            | -                |
| 3122P 05    | 3/4"        | 0.18        | 24-96             | -                |
| 3122P 06    | 1"          | 0.294       | 12-96             | -                |
| 3122P 07    | 1 1/4"      | 0.432       | 8-48              | -                |
| 3122P 08    | 1 1/2"      | 0.625       | 6-36              | -                |
| 3122P 09    | 2"          | 0.936       | 2-16              | -                |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 3142



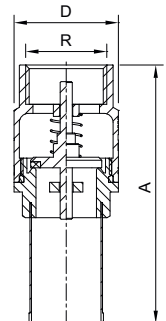
**Válvula retención con filtro**

PN 10. Construcción en latón UNE-EN 12165. Extremos roscados (BSP) H - ISO 228/1. Temperatura máxima de trabajo 90°C. Cierre de NBR vulcanizado. Muelle i tamiz de acero inox AISI 304. Presión mínima apertura 20 - 60 mbar.

**Check valve with filter**

PN 10. Body brass UNE-EN 12165. Gas threaded ends ISO 228/1 - F. Max. temp. 90°C. Vulcanized NBR sealing. Stainless steel spring and sieve AISI 304. Minimum working pressure 20 - 60 mbar.

| R      | PN | D    | A     |
|--------|----|------|-------|
| 1/2"   | 10 | 31   | 79    |
| 3/4"   | 10 | 34,5 | 85,5  |
| 1"     | 10 | 42   | 99    |
| 1 1/4" | 10 | 48,6 | 102,5 |
| 1 1/2" | 10 | 59,5 | 121   |
| 2      | 10 | 68,5 | 137   |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3142 04     | 1/2"        | 0.075       | 12-192            | -                |
| 3142 05     | 3/4"        | 0.115       | 8-112             | -                |
| 3142 06     | 1"          | 0.161       | 6-60              | -                |
| 3142 07     | 1 1/4"      | 0.234       | 6-60              | -                |
| 3142 08     | 1 1/2"      | 0.339       | 4-40              | -                |
| 3142 09     | 2"          | 0.472       | 2-14              | -                |

Ref. 3123



**Válvula esfera con retención**

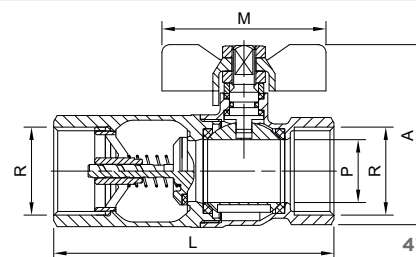
Válvula esfera con retención PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos roscados H-H ISO 228/1. Temp. máx. 90°C. Accionamiento esfera palomilla. Cierre retención NBR vulcanizado. Muelle acero inox AISI 304. Presión mínima trabajo 0,03 bar.

**Ball valve with check valve**

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Threaded ends F-F ISO 228/1. Max. temp. 90°C. Ball working butterfly handle. Vulcanized NBR check valve sealing. Stainless steel spring AISI 304. Minimum working pressure 0 - 03 bar.

| R    | P  | A   | L  | M  |
|------|----|-----|----|----|
| 1/2" | 15 | 76  | 50 | 50 |
| 3/4" | 20 | 91  | 62 | 62 |
| 1"   | 25 | 106 | 69 | 62 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3123 04     | 1/2"        | 0.188       | 10-110            | -                |
| 3123 05     | 3/4"        | 0.334       | 6-48              | -                |
| 3123 06     | 1"          | 0.515       | 4-40              | -                |





Ref. 3124



**Racor acoplamiento recto con válvula de retención**

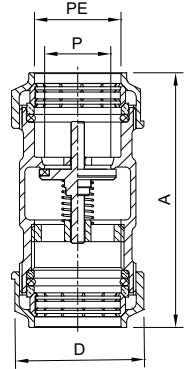
PN 16. Construcción en latón forjado según UNE-EN 12165. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a 90°C. Aplicable para la unión con tubo de polietileno en baja media y alta densidad. Cierre NBR vulcanizado. Muelle acero inox. AISI 304. Montaje en cualquier posición.

**Straight coupling connector with check valve**

PN 16. Forged brass according to UNE-EN 12165. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp. -10°C to 90°C. Applicable for the connection of low, medium and high density polyethylene pipe. Vulcanized NBR sealing. Stainless steel AISI 304 spring. Install in any position.

|             | P  | Ø D | A   |
|-------------|----|-----|-----|
| PE25 x PE25 | 20 | 41  | 85  |
| PE32xPE32   | 25 | 50  | 100 |
| PE40 x PE40 | 32 | 60  | 120 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3124 05     | 25x25       | 0.277       | 18-72             | -                |
| 3124 06     | 32x32       | 0.446       | 10-40             | -                |
| 3124 07     | 40x40       | 0.692       | 8-32              | -                |



Ref. 3120



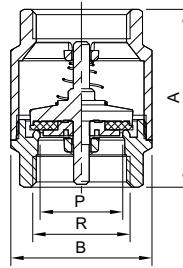
**Válvula de retención "York"**

PN 12 - PN 10 - PN 8. Construcción en latón UNE-EN 12165. Obturador de disco en poliamida 6. Cierre en NBR (goma) 65 sh. Muelle en acero inox. AISI 302. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 100°C. Montaje en cualquier posición.

**"York" check valve**

PN 12 - PN 10 - PN 8. Body brass UNE-EN 12165. NBR (rubber) sealing 65 sh/ps. Stainless steel spring - AISI 302. Gas threaded ends (BSP) F-F ISO 228/1. Max. temp. 100°C. Assembling: any position.

| R      | PN | P   | B   | A   |
|--------|----|-----|-----|-----|
| 3/8"   | 12 | 10  | 34  | 46  |
| 1/2"   | 12 | 15  | 34  | 47  |
| 3/4"   | 12 | 20  | 42  | 52  |
| 1"     | 12 | 25  | 48  | 60  |
| 1 1/4" | 10 | 32  | 59  | 66  |
| 1 1/2" | 10 | 40  | 70  | 73  |
| 2"     | 10 | 50  | 86  | 79  |
| 2 1/2" | 8  | 65  | 102 | 97  |
| 3"     | 8  | 80  | 125 | 103 |
| 4"     | 8  | 100 | 153 | 119 |



|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3120 03 | 3/8"   | 0.125 | 10-200 | - |
| 3120 04 | 1/2"   | 0.146 | 10-170 | - |
| 3120 05 | 3/4"   | 0.203 | 8-120  | - |
| 3120 06 | 1"     | 0.283 | 8-88   | - |
| 3120 07 | 1 1/4" | 0.39  | 6-60   | - |
| 3120 08 | 1 1/2" | 0.595 | 4-28   | - |
| 3120 09 | 2"     | 0.81  | 2-24   | - |
| 3120 10 | 2 1/2" | 1.49  | 1-16   | - |
| 3120 11 | 3"     | 2.13  | 1-8    | - |
| 3120 12 | 4"     | 3.473 | 1-4    | - |

Ref. 3131



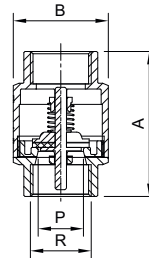
**Válvula de retención "Europa"**

PN 25 - PN 18 - PN 12. Construcción en latón UNE-EN 12165. Cierre en NBR (goma) 65 sh. Muelle en acero inox. AISI 302. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 100°C. Montaje en cualquier posición.

**"Europa" check valve**

PN 25 - PN 18 - PN 12. Body brass UNE-EN 12165. NBR (rubber) sealing 65 sh/ps. Stainless steel spring AISI 302. Gas threaded ends (BSP) F-F - ISO 228/1. Max. temp. 100°C. Assembling: any position.

| R      | PN | P   | B   | A   |
|--------|----|-----|-----|-----|
| 3/8"   | 25 | 10  | 35  | 54  |
| 1/2"   | 25 | 15  | 35  | 57  |
| 3/4"   | 25 | 20  | 42  | 64  |
| 1"     | 25 | 25  | 48  | 75  |
| 1 1/4" | 18 | 32  | 61  | 82  |
| 1 1/2" | 18 | 40  | 71  | 93  |
| 2"     | 18 | 50  | 87  | 100 |
| 2 1/2" | 12 | 65  | 120 | 120 |
| 3"     | 12 | 79  | 140 | 140 |
| 4"     | 12 | 100 | 173 | 158 |



|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3131 03 | 3/8"   | 0.181 | 10-130 | - |
| 3131 04 | 1/2"   | 0.194 | 10-120 | - |
| 3131 05 | 3/4"   | 0.28  | 8-88   | - |
| 3131 06 | 1"     | 0.423 | 6-54   | - |
| 3131 07 | 1 1/4" | 0.65  | 4-36   | - |
| 3131 08 | 1 1/2" | 0.85  | 4-28   | - |
| 3131 09 | 2"     | 1.32  | 2-18   | - |
| 3131 10 | 2 1/2" | 2.813 | 1-6    | - |
| 3131 11 | 3"     | 4.186 | 1-4    | - |
| 3131 12 | 4"     | 5.92  | 1-2    | - |

Ref. 3140



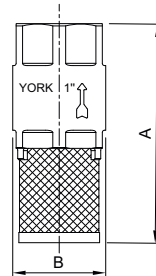
**Válvula de pie "York"**

PN 12 - PN 10 - PN 6. Construcción en latón UNE-EN 12165. Cierre en NBR (goma) 65 sh. Muelle en acero inox. AISI 302. Extremo rosca gas (BSP) H - ISO 228/1. Temp. máx. 100°C.

**"York" valve with filter**

PN 12 - PN 10 - PN 6. Body brass UNE-EN 12165. NBR (rubber) sealing 65 sh. Stainless steel spring AISI 302. Gas threaded end (BSP) F - ISO 228/1. Max. temp. 100°C.

| R      | PN | P   | B    | A     |
|--------|----|-----|------|-------|
| 3/8"   | 12 | 10  | 35   | 69,5  |
| 1/2"   | 12 | 15  | 35   | 70    |
| 3/4"   | 12 | 20  | 42   | 82    |
| 1"     | 12 | 25  | 48   | 91,5  |
| 1 1/4" | 10 | 32  | 59,5 | 108   |
| 1 1/2" | 10 | 40  | 70,5 | 119   |
| 2"     | 10 | 50  | 86   | 136,5 |
| 2 1/2" | 6  | 65  | 103  | 164,5 |
| 3"     | 6  | 80  | 126  | 184,5 |
| 4"     | 6  | 100 | 154  | 214,5 |



|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3140 03 | 3/8"   | 0.092 | 8-120  | - |
| 3140 04 | 1/2"   | 0.096 | 10-150 | - |
| 3140 05 | 3/4"   | 0.141 | 8-96   | - |
| 3140 06 | 1"     | 0.205 | 8-64   | - |
| 3140 07 | 1 1/4" | 0.284 | 6-36   | - |
| 3140 08 | 1 1/2" | 0.438 | 4-16   | - |
| 3140 09 | 2"     | 0.604 | 2-14   | - |
| 3140 10 | 2 1/2" | 1.14  | 1-8    | - |
| 3140 11 | 3"     | 1.675 | 1-6    | - |
| 3140 12 | 4"     | 2.465 | 1-3    | - |

**Ref. 3160 - 3160N**



**Filtro válvula retención**

Tamiz acero inox - AISI 304. Racor nylon 6.6. Extremos rosca gas (BSP) M - ISO 228/1.

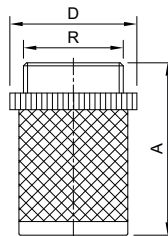
También disponible con rosca NPT (3160N)

**Stainless steel strainer for check valves**

Stainless steel sieve AISI 304. Nylon 6.6. Gas threaded end (BSP) M - ISO 228/1.

Also available NPT thread (3160N).

| R      | Luz/<br>Light (microns) | A   | D   |
|--------|-------------------------|-----|-----|
| 3/8"   | 1000                    | 49  | 23  |
| 1/2"   | 1000                    | 51  | 27  |
| 3/4"   | 1000                    | 57  | 34  |
| 1"     | 1000                    | 58  | 40  |
| 1 1/4" | 1000                    | 69  | 48  |
| 1 1/2" | 1000                    | 81  | 58  |
| 2"     | 1000                    | 96  | 68  |
| 2 1/2" | 1200                    | 96  | 83  |
| 3"     | 1200                    | 116 | 100 |
| 4"     | 1200                    | 132 | 127 |



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3160 03 | 3/8"   | 0.005 | 30-900 | - |
| 3160 04 | 1/2"   | 0.007 | 30-660 | - |
| 3160 05 | 3/4"   | 0.011 | 15-450 | - |
| 3160 06 | 1"     | 0.016 | 15-180 | - |
| 3160 07 | 1 1/4" | 0.02  | 10-330 | - |
| 3160 08 | 1 1/2" | 0.033 | 10-120 | - |
| 3160 09 | 2"     | 0.049 | 5-60   | - |
| 3160 10 | 2 1/2" | 0.078 | 1-48   | - |
| 3160 11 | 3"     | 0.104 | 1-18   | - |
| 3160 12 | 4"     | 0.181 | 1-18   | - |

Precios rosca NPT a consultar / NPT thread prices on request

**Ref. 3145E - 3145EN**



**Válvula fondo**

PN 10 - PN 8 - PN 6. Construcción en latón UNE-EN 12165. Cierre en NBR 65 sh. Extremos rosca gas (BSP) H - ISO 228/1. Temp. máx. 90°C.

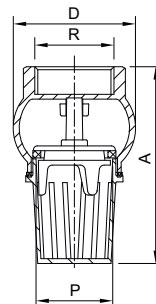
También disponible con rosca NPT (3145EN)

**Bottom valve**

PN 10 - PN 8 - PN 6. Body brass UNE-EN 12165. Rubber sealing guided seat. Gas threaded ends (BSP) F - ISO 228/1. Max. temp. 90°C.

Also available NPT thread (3145EN).

| R      | PN | P    | D   | A   |
|--------|----|------|-----|-----|
| 3/4"   | 10 | 20   | 43  | 73  |
| 1"     | 10 | 25   | 50  | 81  |
| 1 1/4" | 8  | 32   | 58  | 94  |
| 1 1/2" | 8  | 40   | 66  | 103 |
| 2"     | 8  | 50   | 76  | 117 |
| 2 1/2" | 6  | 48   | 90  | 133 |
| 3"     | 6  | 56,5 | 98  | 144 |
| 4"     | 6  | 73   | 138 | 175 |



|          |        |       |       |   |
|----------|--------|-------|-------|---|
| 3145E 05 | 3/4"   | 0.19  | 15-90 | - |
| 3145E 06 | 1"     | 0.245 | 12-72 | - |
| 3145E 07 | 1 1/4" | 0.4   | 7-42  | - |
| 3145E 08 | 1 1/2" | 0.53  | 6-36  | - |
| 3145E 09 | 2"     | 0.78  | 3-18  | - |
| 3145E 10 | 2 1/2" | 1.25  | 2-12  | - |
| 3145E 11 | 3"     | 1.75  | 9     | - |
| 3145E 12 | 4"     | 3.4   | 5     | - |

|           |        |       |       |   |
|-----------|--------|-------|-------|---|
| 3145EN 05 | 3/4"   | 0.19  | 15-90 | - |
| 3145EN 06 | 1"     | 0.245 | 12-72 | - |
| 3145EN 07 | 1 1/4" | 0.4   | 7-42  | - |
| 3145EN 08 | 1 1/2" | 0.53  | 6-36  | - |
| 3145EN 09 | 2"     | 0.78  | 3-18  | - |
| 3145EN 10 | 2 1/2" | 1.25  | 2-12  | - |
| 3145EN 11 | 3"     | 1.75  | 9     | - |
| 3145EN 12 | 4"     | 3.4   | 5     | - |

**Ref. 3180 - 3180N**



**Válvula de retención clapeta goma**

PN 12/10/8. Construcción en latón UNE-EN 12165. Cierre NBR (goma) 65 sh. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 100°C. Montaje en horizontal.

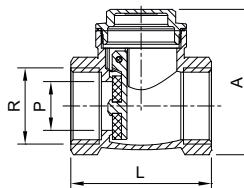
También disponible con rosca NPT (3180N)

**Rubber swing check valve**

PN 12/10/8. Body brass UNE-EN 12165. Rubber sealing. Gas threaded ends (BSP) F-F - ISO 228/1. Max. temp. 100°C. Horizontal assembling.

Also available NPT thread (3180N).

| R      | P    | A    | L    | PN |
|--------|------|------|------|----|
| 1/2"   | 12,7 | 49   | 47   | 12 |
| 3/4"   | 16,5 | 55   | 55,5 | 12 |
| 1"     | 21,5 | 64   | 62   | 12 |
| 1 1/4" | 29   | 76   | 68   | 10 |
| 1 1/2" | 33,5 | 90,5 | 77   | 10 |
| 2"     | 42   | 102  | 92   | 10 |
| 2 1/2" | 53   | 118  | 104  | 8  |
| 3"     | 64   | 132  | 118  | 8  |
| 4"     | 92   | 174  | 153  | 8  |



|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3180 04 | 1/2"   | 0.156 | 20-120 | - |
| 3180 05 | 3/4"   | 0.219 | 12-96  | - |
| 3180 06 | 1"     | 0.293 | 10-60  | - |
| 3180 07 | 1 1/4" | 0.443 | 8-48   | - |
| 3180 08 | 1 1/2" | 0.696 | 5-30   | - |
| 3180 09 | 2"     | 1.079 | 3-18   | - |
| 3180 10 | 2 1/2" | 1.496 | 15     | - |
| 3180 11 | 3"     | 2.282 | 7      | - |
| 3180 12 | 4"     | 3.934 | 4      | - |

Precios rosca NPT a consultar / NPT thread prices on request

**Ref. 3185 - 3185N**



**Válvula de retención clapeta metal**

PN 12/10/8. Cierre metálico. Construcción en latón UNE-EN 12165. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 200°C. Montaje en horizontal.

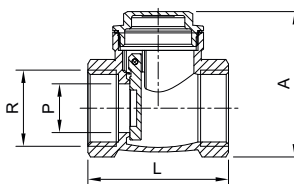
También disponible con rosca NPT (3185N)

**Metal swing check valve**

PN 12/10/8. Metal sealing. Body brass UNE-EN 12165. Gas threaded ends (BSP) F-F - ISO 228/1. Max. temp. 200°C. Horizontal assembling.

Also available NPT thread (3185N).

| R      | P    | A    | L    | PN |
|--------|------|------|------|----|
| 1/2"   | 12,7 | 49   | 47   | 12 |
| 3/4"   | 16,5 | 55   | 55,5 | 12 |
| 1"     | 21,5 | 64   | 62   | 12 |
| 1 1/4" | 29   | 76   | 68   | 10 |
| 1 1/2" | 33,5 | 90,5 | 77   | 10 |
| 2"     | 42   | 102  | 92   | 10 |
| 2 1/2" | 53   | 118  | 104  | 8  |
| 3"     | 64   | 132  | 118  | 8  |
| 4"     | 92   | 174  | 153  | 8  |



|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3185 04 | 1/2"   | 0.157 | 20-120 | - |
| 3185 05 | 3/4"   | 0.217 | 12-96  | - |
| 3185 06 | 1"     | 0.296 | 10-60  | - |
| 3185 07 | 1 1/4" | 0.437 | 8-48   | - |
| 3185 08 | 1 1/2" | 0.71  | 5-40   | - |
| 3185 09 | 2"     | 1.079 | 3-18   | - |
| 3185 10 | 2 1/2" | 1.513 | 15     | - |
| 3185 11 | 3"     | 2.249 | 7      | - |
| 3185 12 | 4"     | 4.074 | 4      | - |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 3190 - 3190N



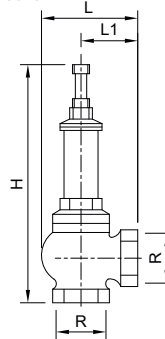
**Válvula de alivio de presión con escape conducido**

PN 16. Cierre PTFE. Construcción en latón UNE-EN 12165. Muelle en acero galvanizado. Regulación de: 0 - 10 bar (3/8" - 3") y de 5 - 10 bar (4"). Extremos en escuadra rosca gas (BSP) H-H - ISO 228/1. Temp. -10°C +180°C. **También disponible con rosca NPT (3190N)**

**Pressure relief valve with conveyed discharge**

PN 16. PTFE sealing. Body brass UNE-EN 12165. Galvanized steel spring. Adjustable: from 0 - 10 bar (3/8" to 3") and 5 - 10 bar (4"). Gas threaded end (BSP) F-F - ISO 228/1. Working temperature: -10°C +180°C. **Also available NPT thread (3190N).**

| R      | DN  | L   | L1   | H   |
|--------|-----|-----|------|-----|
| 3/8"   | 10  | 46  | 28,5 | 115 |
| 1/2"   | 15  | 56  | 35   | 130 |
| 3/4"   | 20  | 64  | 39   | 158 |
| 1"     | 25  | 76  | 47   | 163 |
| 1 1/4" | 32  | 90  | 57,5 | 192 |
| 1 1/2" | 40  | 100 | 62   | 215 |
| 2"     | 50  | 124 | 75,5 | 247 |
| 2 1/2" | 65  | 135 | 79,5 | 280 |
| 3"     | 80  | 145 | 83,7 | 293 |
| 4"     | 100 | 175 | 110  | 380 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3190 03     | 3/8"        | 0.295       | 10-80             | -                |
| 3190 04     | 1/2"        | 0.433       | 10-80             | -                |
| 3190 05     | 3/4"        | 0.61        | 6-48              | -                |
| 3190 06     | 1"          | 0.874       | 4-32              | -                |
| 3190 07     | 1 1/4"      | 1.36        | 3-15              | -                |
| 3190 08     | 1 1/2"      | 1.83        | 2-10              | -                |
| 3190 09     | 2"          | 2.774       | 1-5               | -                |
| 3190 10     | 2 1/2"      | 5.8         | 4                 | -                |
| 3190 11     | 3"          | 5           | 3                 | -                |
| 3190 12     | 4"          | 13.3        | 1                 | -                |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 3220 - 3222



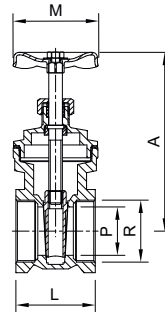
**Válvula de compuerta latón**

PN 16. Paso estándar. Construcción en latón UNE-EN 12165. Temp. máx. 110°C. Extremos rosca gas (BSP) H-H - ISO 228/1. **También disponible con rosca NPT (3222)**

**Brass gate valve**

PN 16. Standard bore. Body brass UNE-EN 12165. Max. temp. 110°C. Gas threaded ends (BSP) F-F - ISO 228/1. **Also available NPT thread (3222).**

| R      | PN | P  | A   | L    | M    |
|--------|----|----|-----|------|------|
| 1/2"   | 16 | 13 | 62  | 36,8 | 51   |
| 3/4"   | 16 | 15 | 66  | 42,5 | 55,8 |
| 1"     | 16 | 19 | 73  | 45,8 | 60   |
| 1 1/4" | 16 | 27 | 91  | 50,8 | 60,6 |
| 1 1/2" | 16 | 33 | 98  | 54   | 70,8 |
| 2"     | 16 | 42 | 127 | 62,8 | 92   |
| 2 1/2" | 16 | 57 | 160 | 68   | 100  |
| 3"     | 16 | 60 | 190 | 83   | 110  |
| 4"     | 16 | 91 | 238 | 92   | 132  |



|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3220 04 | 1/2"   | 0.162 | 16-96 | - |
| 3220 05 | 3/4"   | 0.208 | 12-72 | - |
| 3220 06 | 1"     | 0.284 | 8-48  | - |
| 3220 07 | 1 1/4" | 0.471 | 6-36  | - |
| 3220 08 | 1 1/2" | 0.605 | 4-48  | - |
| 3220 09 | 2"     | 1.039 | 2-24  | - |
| 3220 10 | 2 1/2" | 1.828 | 12    | - |
| 3220 11 | 3"     | 2.463 | 8     | - |
| 3220 12 | 4"     | 4.414 | 4     | - |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 3221 - 3221N



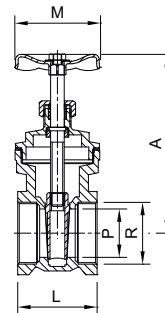
**Válvula de compuerta latón**

PN 20. Paso estándar. Construcción en latón según UNE-EN 12165. Temp. máx. 180°C. Extremos rosca gas (BSP) H-H - ISO 228/1. Volante aluminio. **También disponible con rosca NPT (3221N)**

**Brass gate valve**

PN 20. Standard bore. Brass construction UNE-EN 12165. Max. temp. 180°C. Gas threaded ends (BSP) F-F - ISO 228/1. Aluminium wheel. **Also available NPT thread (3221N).**

| R      | PN | P  | A   | L    | M   |
|--------|----|----|-----|------|-----|
| 1/2"   | 20 | 14 | 76  | 45,5 | 54  |
| 3/4"   | 20 | 20 | 87  | 49,3 | 60  |
| 1"     | 20 | 25 | 98  | 56   | 64  |
| 1 1/4" | 20 | 32 | 110 | 60   | 74  |
| 1 1/2" | 20 | 37 | 124 | 65   | 80  |
| 2"     | 20 | 47 | 147 | 74   | 90  |
| 2 1/2" | 20 | 59 | 180 | 81   | 110 |
| 3"     | 20 | 70 | 201 | 83   | 110 |
| 4"     | 20 | 92 | 248 | 102  | 140 |



|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3221 04 | 1/2"   | 0.243 | 10-100 | - |
| 3221 05 | 3/4"   | 0.355 | 8-48   | - |
| 3221 06 | 1"     | 0.503 | 5-50   | - |
| 3221 07 | 1 1/4" | 0.723 | 4-24   | - |
| 3221 08 | 1 1/2" | 0.943 | 2-24   | - |
| 3221 09 | 2"     | 1.367 | 2-16   | - |
| 3221 10 | 2 1/2" | 2.273 | 1-6    | - |
| 3221 11 | 3"     | 2.923 | 1-6    | - |
| 3221 12 | 4"     | 5.271 | 1-4    | - |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 3186



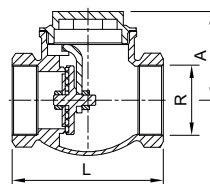
**Válvula de retención clapeta PTFE**

PN 16. Cierre en PTFE. Construcción en Bronce UNE-EN 1982 - Latón UNE-EN 12165. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 180°C.

**PTFE swing check valve**

PN 16. PTFE sealing. Construction Bronze UNE-EN 1982 - Brass UNE-EN 12165. Gas threaded end (BSP) F-F - ISO 228/1. Max. Temp. 180°C.

| R      | L   | A  |
|--------|-----|----|
| 1/2"   | 60  | 38 |
| 3/4"   | 70  | 49 |
| 1"     | 80  | 55 |
| 1 1/4" | 95  | 59 |
| 1 1/2" | 105 | 69 |
| 2"     | 130 | 78 |



|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3186 04 | 1/2"   | 0.258 | 10-80 | - |
| 3186 05 | 3/4"   | 0.43  | 10-60 | - |
| 3186 06 | 1"     | 0.688 | 6-36  | - |
| 3186 07 | 1 1/4" | 0.947 | 4-24  | - |
| 3186 08 | 1 1/2" | 1.43  | 2-16  | - |
| 3186 09 | 2"     | 2.235 | 1-8   | - |

Precios rosca NPT a consultar / NPT thread prices on request



Ref. 3187



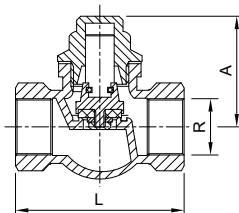
### Válvula de retención cierre PTFE

PN 16. Cierre en PTFE. Construcción en Bronce UNE-EN 1982 - Latón UNE-EN 12165. Muelle en acero inoxidable. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 180°C.

#### PTFE sealing check valve

PN 16. PTFE sealing. Construction Bronze UNE-EN 1982 - Brass UNE-EN 12165. Stainless steel spring. Gas threaded end (BSP) F-F - ISO 228/1. Max. Temp. 180°C.

| R      | L   | A  |
|--------|-----|----|
| 3/8"   | 45  | 38 |
| 1/2"   | 50  | 39 |
| 3/4"   | 61  | 48 |
| 1"     | 71  | 53 |
| 1 1/4" | 85  | 56 |
| 1 1/2" | 90  | 63 |
| 2"     | 110 | 72 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3187 03     | 3/8"        | 0.15        | 20-60             | -                |
| 3187 04     | 1/2"        | 0.205       | 20-120            | -                |
| 3187 05     | 3/4"        | 0.33        | 10-60             | -                |
| 3187 06     | 1"          | 0.472       | 6-36              | -                |
| 3187 07     | 1 1/4"      | 0.79        | 4-24              | -                |
| 3187 08     | 1 1/2"      | 0.997       | 1-6               | -                |
| 3187 09     | 2"          | 1.673       | 2-6               | -                |

Ref. 3228



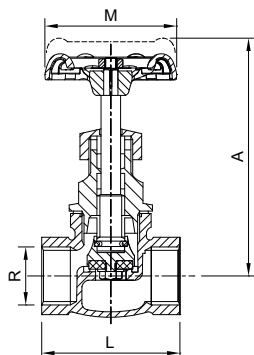
### Válvula de asiento de globo

PN 16. Cierre en PTFE. Construcción en Bronce UNE-EN 1982 - Latón UNE-EN 12165. Extremos rosca H-H - ISO 7/1 (EN 10226-1). Temp. máx. 180°C. Volante de aluminio.

#### Globe valve

PN 16. PTFE sealing. Construction Bronze UNE-EN 1982 - Brass UNE-EN 12165. F-F Threaded ends ISO 7/1 (EN 10226-1). Max. Temp. 180°C. Aluminium wheel.

| R      | L   | A   | M  |
|--------|-----|-----|----|
| 3/8"   | 45  | 67  | 50 |
| 1/2"   | 50  | 80  | 50 |
| 3/4"   | 62  | 85  | 50 |
| 1"     | 71  | 94  | 60 |
| 1 1/4" | 85  | 106 | 70 |
| 1 1/2" | 90  | 118 | 80 |
| 2"     | 110 | 127 | 80 |



|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3228 03 | 3/8"   | 0.18  | 10-80 | - |
| 3228 04 | 1/2"   | 0.252 | 20-80 | - |
| 3228 05 | 3/4"   | 0.394 | 8-64  | - |
| 3228 06 | 1"     | 0.566 | 4-32  | - |
| 3228 07 | 1 1/4" | 0.9   | 2-16  | - |
| 3228 08 | 1 1/2" | 1.135 | 2-16  | - |
| 3228 09 | 2"     | 1.893 | 1-6   | - |

Ref. 3227



### Válvula de bronce con retención y eje libre

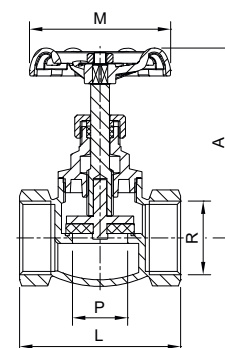
PN 16. Paso total. Construcción en bronce UNE-EN 1982 - Latón UNE-EN 12165. Cierre EPDM (WRAS). Extremos rosca H-H - ISO 7/1 (EN 10226-1). Temperatura máxima de trabajo 100°C. Volante de aluminio.

#### Bronze loose-jumper stop valve

PN 16. Full bore. Bronze construction UNE-EN 1982 - Brass UNE-EN 12165. EPDM (WRAS) seal. F-F Threaded ends ISO 7/1 (EN 10226-1). Maximum working temperature 100°C. Aluminium wheel.

| R      | PN | P  | A   | L    | M  |
|--------|----|----|-----|------|----|
| 3/4"   | 16 | 19 | 78  | 58   | 63 |
| 1"     | 16 | 25 | 80  | 74   | 63 |
| 1 1/4" | 16 | 32 | 112 | 89   | 80 |
| 1 1/2" | 16 | 38 | 113 | 97,5 | 80 |

|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3227 05 | 3/4"   | 0.303 | 10-60 | - |
| 3227 06 | 1"     | 0.442 | 6-36  | - |
| 3227 07 | 1 1/4" | 0.987 | 4-24  | - |
| 3227 08 | 1 1/2" | 1.109 | 3-18  | - |



Ref. 3229



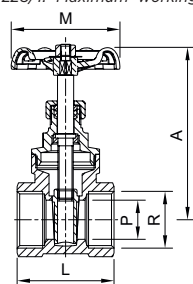
### Válvula de compuerta de bronce

PN 20. Paso estándar. Construcción en bronce UNE-EN 1982. Latón UNE-EN 12165. Extremos rosca gas (BSP) H-H - ISO 228/1. Temperatura máxima de trabajo 180°C. Volante de aluminio.

#### Bronze gate valve

PN 20. Standard bore. Bronze construction UNE-EN 1982. brass UNE-EN 12165. Gas threaded ends (BSP) F-F-ISO 228/1. Maximum working temperature 180°C. Aluminium wheel.

| R      | PN | P  | A   | L  | M   |
|--------|----|----|-----|----|-----|
| 1/2"   | 20 | 14 | 75  | 49 | 54  |
| 3/4"   | 20 | 18 | 83  | 52 | 60  |
| 1"     | 20 | 23 | 92  | 60 | 64  |
| 1 1/4" | 20 | 27 | 106 | 64 | 74  |
| 1 1/2" | 20 | 35 | 121 | 70 | 80  |
| 2"     | 20 | 45 | 144 | 74 | 88  |
| 2 1/2" | 20 | 58 | 184 | 88 | 110 |



|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3229 04 | 1/2"   | 0.24  | 14-84 | - |
| 3229 05 | 3/4"   | 0.327 | 10-60 | - |
| 3229 06 | 1"     | 0.486 | 6-36  | - |
| 3229 07 | 1 1/4" | 0.74  | 4-36  | - |
| 3229 08 | 1 1/2" | 1.008 | 3-18  | - |
| 3229 09 | 2"     | 1.568 | 2-12  | - |
| 3229 10 | 2 1/2" | 3.013 | 1-6   | - |

Ref. 3193



**Válvula de seguridad para termo**

PN 16. Construcción en latón UNE-EN 12165 cromado. Extremos rosca M-H, ISO 228/1. Muelles acero inox. Taraje estándar fijo a 8 bar. Cierre NBR. Temperatura máxima 110°C.

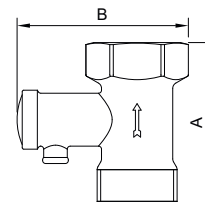
**Safety valve for water heater**

PN 16. Body chrome plated brass UNE-EN 12165. Threaded end M-F, ISO 228/1. Stainless steel springs. Standard tare 8 bar. NBR sealing. Maximum temperature 110°C.

| R    | P    | A  | B  |
|------|------|----|----|
| 1/2" | 10,5 | 40 | 52 |
| 3/4" | 10,5 | 54 | 55 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3193 04 | 1/2" | 0.071 | 20-360 | - |
| 3193 05 | 3/4" | 0.135 | 10-180 | - |



Ref. 3194



**Válvula de seguridad para termo**

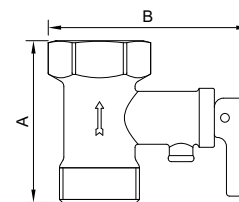
Con dispositivo de descarga manual por palanca. PN 16. Construcción en latón UNE-EN 12165 cromado. Extremos rosca M-H, ISO 228/1. Muelles acero inox. Taraje estándar fijo a 8 bar. Cierre NBR. Temperatura máxima 110°C.

**Safety valve for water heater**

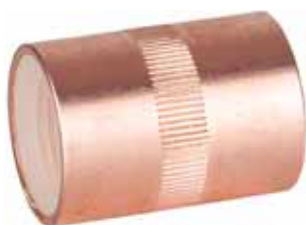
Safety check valve with manual unloading device by lever. PN 16. Body chrome plated brass UNE-EN 12165. Threaded end M-F, ISO 228/1. Stainless steel springs. Standard tare 8 bar. NBR sealing. Maximum temperature 110°C.

| R    | P    | A  | B  |
|------|------|----|----|
| 1/2" | 10,5 | 40 | 62 |
| 3/4" | 10,5 | 54 | 65 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3194 04 | 1/2" | 0.073 | 20-360 | - |
| 3194 05 | 3/4" | 0.136 | 10-140 | - |



Ref. 3860



**Manguito antielectrólisis H-H**

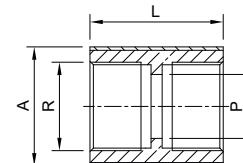
PN 10. Construcción en poliamida 6 (nylon). Funda de cobre. Extremos rosca gas (BSP) H - H - ISO 228/1. Temp. máx. 90°C aire - 80°C agua.

**Anti-electrolysis fitting F-F**

PN 10. Body nylon. Copper cover. Gas threaded ends (BSP) F-F - ISO 228/1. Max. temp. 90°C air - 80°C water.

| R      | P  | A  | L  |
|--------|----|----|----|
| 1/2"   | 14 | 28 | 39 |
| 3/4"   | 20 | 35 | 38 |
| 1"     | 25 | 42 | 43 |
| 1 1/4" | 32 | 54 | 58 |
| 1 1/2" | 40 | 62 | 59 |
| 2"     | 50 | 80 | 75 |

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3860 04 | 1/2"   | 0.038 | 48-864 | - |
| 3860 05 | 3/4"   | 0.053 | 30-540 | - |
| 3860 06 | 1"     | 0.074 | 20-360 | - |
| 3860 07 | 1 1/4" | 0.162 | 6-108  | - |
| 3860 08 | 1 1/2" | 0.193 | 4-72   | - |
| 3860 09 | 2"     | 0.442 | 2-36   | - |



Ref. 3865



**Manguito antielectrólisis M-H**

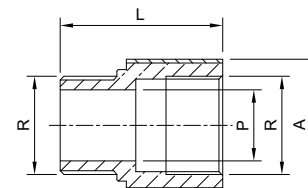
PN 10. Construcción en poliamida 6 (nylon). Funda de cobre. Extremos rosca gas (BSP) M - H - ISO 228/1. Temp. máx. 90°C aire - 80°C agua.

**Anti-electrolysis fitting M-F**

PN 10. Body nylon. Copper cover. Gas threaded ends (BSP) M-F - ISO 228/1. Max. temp. 90°C air - 80°C water.

| R    | P  | A  | L  |
|------|----|----|----|
| 1/2" | 15 | 28 | 41 |
| 3/4" | 19 | 35 | 42 |
| 1"   | 24 | 42 | 43 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3865 04 | 1/2" | 0.028 | 48-480 | - |
| 3865 05 | 3/4" | 0.037 | 30-300 | - |
| 3865 06 | 1"   | 0.01  | 20-360 | - |



Ref. 3850



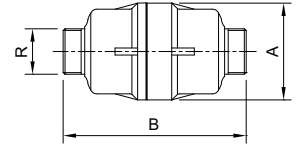
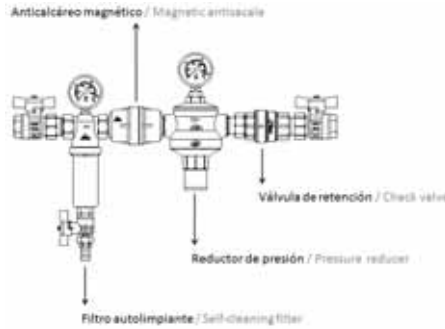
**Anticalcáreo magnético "Calcolit"**

PN 16. Construcción en latón UNE-EN 12165 cromado. Extremos rosca gas (BSP) M-M - ISO 228/1. Temp. máx. 80°C.

**"Calcolit" magnetic limestone reducer**

PN 16. Chrome plated brass UNE-EN 12165. Gas threaded ends M-M - ISO 228/1. Max. temp. 80°C.

| R    | A  | B   |
|------|----|-----|
| 1/2" | 56 | 104 |
| 3/4" | 56 | 106 |
| 1"   | 65 | 128 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3850 04     | 1/2"        | 0.66        | 1-40              | -                |
| 3850 05     | 3/4"        | 0.66        | 1-40              | -                |
| 3850 06     | 1"          | 1.095       | 1                 | -                |

Ref. 3069



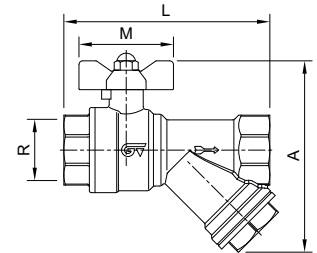
**Válvula con filtro colador tipo "Y"**

PN 16. Construcción en latón UNE-EN 12165. Extremos rosca gas (BSP) hembra. ISO 228/1. Tamiz: inox AISI 304. Luz: 400 micras. Temp. máx. 110°C.

**Brass valve with type "Y" strainer filter**

PN 16. Body chrome plated brass UNE-EN 12165. Gas threaded ends (BSP) F-F - ISO 228/1. Sieve: stainless steel AISI 304. Light: 400 microns. Max. temp. 110°C.

| R    | A  | L   | M  |
|------|----|-----|----|
| 1/2" | 66 | 78  | 52 |
| 3/4" | 83 | 92  | 60 |
| 1"   | 98 | 112 | 68 |



|         |      |       |       |   |
|---------|------|-------|-------|---|
| 3069 04 | 1/2" | 0.248 | 6-108 | - |
| 3069 05 | 3/4" | 0.339 | 4-72  | - |
| 3069 06 | 1"   | 0.583 | 2-36  | - |

Ref. 3302 - 3302N



**Filtro colador tipo "Y" latón**

PN 16. Cuerpo latón UNE-EN 12165. Tamiz: inox. AISI 304. Junta tapa: NBR. Temp. máx. 100°C. Extremos rosca gas (BSP).

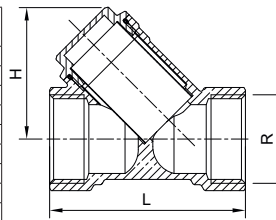
También disponible con rosca NPT (3302N).

**"Y" brass strainer**

PN 16. Body brass UNE-EN 12165. Sieve: stainless steel AISI 304. NBR joint. Max. temp. 100°C. Gas threaded ends (BSP) F-F - ISO 228/1.

Also available NPT thread (3302N).

| R      | H   | L    | Luz/<br>Light (microns) |
|--------|-----|------|-------------------------|
| 1/2"   | 38  | 56,5 | 500                     |
| 3/4"   | 44  | 66   | 500                     |
| 1"     | 50  | 74   | 500                     |
| 1 1/4" | 66  | 96   | 500                     |
| 1 1/2" | 71  | 104  | 500                     |
| 2"     | 89  | 125  | 500                     |
| 2 1/2" | 110 | 145  | 1200                    |
| 3"     | 120 | 173  | 1200                    |
| 4"     | 152 | 210  | 1200                    |



|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3302 04 | 1/2"   | 0.117 | 24-168 | - |
| 3302 05 | 3/4"   | 0.179 | 12-96  | - |
| 3302 06 | 1"     | 0.261 | 10-80  | - |
| 3302 07 | 1 1/4" | 0.524 | 3-36   | - |
| 3302 08 | 1 1/2" | 0.599 | 2-32   | - |
| 3302 09 | 2"     | 1.161 | 1-18   | - |
| 3302 10 | 2 1/2" | 1.936 | 12     | - |
| 3302 11 | 3"     | 2.861 | 8      | - |
| 3302 12 | 4"     | 4.718 | 4      | - |

Precios rosca NPT a consultar / Versión niquelada a consultar / NPT thread prices on request / Nickel-plated version on request

Ref. 3304



**Filtro colador tipo "Y" bronce**

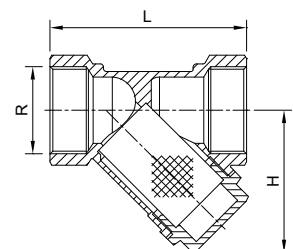
Construcción en bronce según UNE-EN 1982. Latón UNE-EN 12165. Tamiz: inox. AISI 304. Temperatura de trabajo de -20°C a 110°C. Extremos rosca gas (BSP) H - H - ISO 228/1.

**Bronze "Y" type strainer filter**

Body bronze UNE-EN 1982. Brass UNE-EN 12165. Sieve: stainless steel AISI 304. Working temperature from -20°C to 110°C. Gas threaded end (BSP) F-F - ISO 228/1.

| R      | PN (bar) | DN | H    | L    | Luz/<br>Light (microns) |
|--------|----------|----|------|------|-------------------------|
| 3/8"   | 16       | 12 | 40   | 55   | 400                     |
| 1/2"   | 16       | 15 | 44   | 59   | 400                     |
| 3/4"   | 16       | 20 | 50,5 | 69   | 400                     |
| 1"     | 16       | 25 | 60   | 82   | 400                     |
| 1 1/4" | 16       | 32 | 73   | 98,5 | 500                     |
| 1 1/2" | 16       | 40 | 80   | 109  | 500                     |
| 2"     | 16       | 50 | 98   | 131  | 500                     |
| 2 1/2" | 10       | 65 | 114  | 151  | 500                     |
| 3"     | 10       | 78 | 130  | 172  | 500                     |
| 4"     | 10       | 98 | 170  | 219  | 500                     |

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3304 03 | 3/8"   | 0.178 | 25-100 | - |
| 3304 04 | 1/2"   | 0.216 | 20-120 | - |
| 3304 05 | 3/4"   | 1.365 | 12-72  | - |
| 3304 06 | 1"     | 0.472 | 10-60  | - |
| 3304 07 | 1 1/4" | 0.72  | 5-30   | - |
| 3304 08 | 1 1/2" | 0.878 | 25     | - |
| 3304 09 | 2"     | 1.574 | 15     | - |
| 3304 10 | 2 1/2" | 2.566 | 10     | - |
| 3304 11 | 3"     | 3.444 | 6      | - |
| 3304 12 | 4"     | 7.062 | 3      | - |





Ref. 3310



**Filtro polivalente para agua**

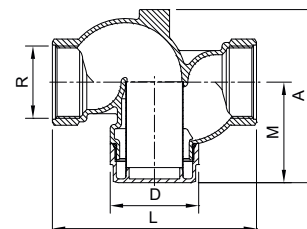
PN 16. Construcción en latón UNE-EN 12165 cromado. Extremos rosca gas (BSP) H-H - ISO 228/1. Tamiz: acero inox. AISI 304. Luz: 800 micras. Junta tórica NBR. Temp. máx. 110°C.

**In-line strainer for water**

PN 16. Body chrome plated brass UNE-EN 12165. Gas threaded ends (BSP) F-F - ISO 228/1. Sieve: stainless steel AISI 304. Light: 800 microns. NBR o-ring. Max. temp. 110°C.

| R      | D  | L   | M  | A   |
|--------|----|-----|----|-----|
| 1/2"   | 27 | 58  | 36 | 62  |
| 3/4"   | 33 | 74  | 43 | 76  |
| 1"     | 40 | 90  | 48 | 87  |
| 1 1/4" | 49 | 115 | 56 | 105 |
| 1 1/2" | 58 | 135 | 66 | 115 |
| 2"     | 71 | 161 | 80 | 135 |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
| 3310 04        | 1/2"           | 0.144          | 10-160               | -                   |
| 3310 05        | 3/4"           | 0.239          | 8-80                 | -                   |
| 3310 06        | 1"             | 0.364          | 6-54                 | -                   |
| 3310 07        | 1 1/4"         | 0.682          | 5-30                 | -                   |
| 3310 08        | 1 1/2"         | 1.003          | 2-12                 | -                   |
| 3310 09        | 2"             | 1.544          | 1-10                 | -                   |



Ref. 3311



**Filtro polivalente para gasoil**

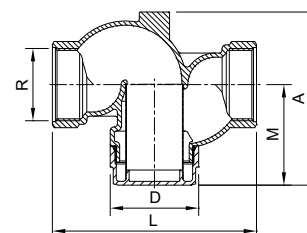
PN 16. Cuerpo latón UNE-EN 12165 cromado. Extremos rosca gas (BSP) H-H - ISO 228/1. Tamiz: acero inox. AISI 304. Luz: 300 micras. Junta tórica NBR. Temp. máx. 110°C.

**In-line strainer for diesel oil**

PN 16. Body chrome plated brass UNE-EN 12165. Gas threaded ends (BSP) F-F - ISO 228/1. Sieve: stainless steel AISI 304. Light: 300 microns. NBR o-ring. Max. temp. 110°C.

| R      | D  | L   | M  | A   |
|--------|----|-----|----|-----|
| 1/2"   | 27 | 58  | 36 | 62  |
| 3/4"   | 33 | 74  | 43 | 76  |
| 1"     | 40 | 90  | 48 | 87  |
| 1 1/4" | 49 | 115 | 56 | 105 |
| 1 1/2" | 58 | 135 | 66 | 115 |
| 2"     | 71 | 161 | 80 | 135 |

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3311 04 | 1/2"   | 0.145 | 10-140 | - |
| 3311 05 | 3/4"   | 0.234 | 8-80   | - |
| 3311 06 | 1"     | 0.35  | 6-60   | - |
| 3311 07 | 1 1/4" | 0.655 | 5-30   | - |
| 3311 08 | 1 1/2" | 0.98  | 2-12   | - |
| 3311 09 | 2"     | 1.509 | 1-8    | - |



Ref. 3312



**Filtro polivalente para gas**

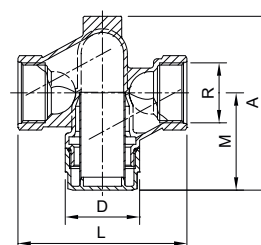
PN 16. Cuerpo latón UNE-EN 12165 cromado. Extremos rosca gas (BSP) H-H - ISO 228/1. Tamiz: acero inox. AISI 304. Luz: 50 micras. Junta tórica NBR. Temp. máx. 110°C.

**In-line strainer for gas**

PN 16. Body chrome plated brass UNE-EN 12165. Gas threaded ends (BSP) F-F - ISO 228/1. Sieve: stainless steel AISI 304. Light: 50 microns. NBR o-ring. Max. temp. 110°C.

| R      | D  | L   | M  | A   |
|--------|----|-----|----|-----|
| 1/2"   | 27 | 58  | 36 | 62  |
| 3/4"   | 33 | 74  | 43 | 76  |
| 1"     | 40 | 90  | 48 | 87  |
| 1 1/4" | 49 | 115 | 56 | 105 |
| 1 1/2" | 58 | 135 | 66 | 115 |
| 2"     | 71 | 161 | 80 | 135 |

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3312 04 | 1/2"   | 0.145 | 10-160 | - |
| 3312 05 | 3/4"   | 0.239 | 8-80   | - |
| 3312 06 | 1"     | 0.35  | 6-60   | - |
| 3312 07 | 1 1/4" | 0.655 | 5-30   | - |
| 3312 08 | 1 1/2" | 1.007 | 2-12   | - |
| 3312 09 | 2"     | 1.53  | 1-8    | - |



Ref. 3314



### Filtro autolimpiante largo

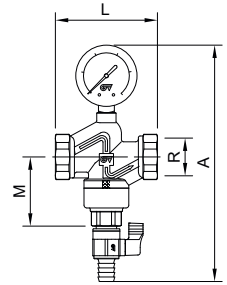
PN 16. Construcción en latón UNE-EN 12165 cromado. Tamiz reforzado: acero inox. AISI 304. Luz: 100 micras. Junta NBR. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C.

### Long self-cleaning filter

PN 16. Chrome plated brass construction UNE-EN 12165. Reinforced sieve: Stainless steel AISI 304. Light: 100 microns. NBR O-ring. Gas threaded ends (BSP) M-M - ISO 228/1. Max. temp. 110°C.

| R      | A   | L   | M   |
|--------|-----|-----|-----|
| 1/2"   | 212 | 58  | 78  |
| 3/4"   | 226 | 74  | 84  |
| 1"     | 239 | 90  | 92  |
| 1 1/4" | 265 | 115 | 102 |
| 1 1/2" | 278 | 135 | 116 |
| 2"     | 303 | 161 | 134 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3314 04     | 1/2"        | 0.347       | 1-40              | -                |
| 3314 05     | 3/4"        | 0.465       | 1-30              | -                |
| 3314 06     | 1"          | 0.625       | 1-24              | -                |
| 3314 07     | 1 1/4"      | 0.979       | 1-18              | -                |
| 3314 08     | 1 1/2"      | 1.43        | 1-12              | -                |
| 3314 09     | 2"          | 2.151       | 1-6               | -                |



Ref. 3316E



### Filtro autolimpiante "CLEAN"

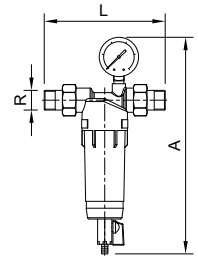
PN 16. Construcción en latón UNE-EN 12165. Tamiz de acero inox AISI 316. Luz 45 micras. Cuerpo extremos roscados (BSP) M-M 1" según ISO 228/1. Racor reducción 1" x 3/4" incluido. Manómetro 0 - 16 bar y válvula de vaciado. Temperatura máxima de trabajo 80°C.

### "CLEAN" Self-cleaning filter

PN 16. Body brass UNE-EN 12165. Sieve stainless steel AISI 316. Light 45 micron. Body gas threaded ends ISO 228/1 - M-M 1". Reduction connector 1" x 3/4" included. With pressure gauge 0-16 bar and discharge valve. Max. working temperature 80°C.

| R    | A   | L   |
|------|-----|-----|
| 3/4" | 294 | 159 |

|          |      |       |      |   |
|----------|------|-------|------|---|
| 3316E 05 | 3/4" | 1.022 | 1-12 | - |
|----------|------|-------|------|---|



Ref. 3317



### Amortiguador anti golpe de ariete "STOP-GE"

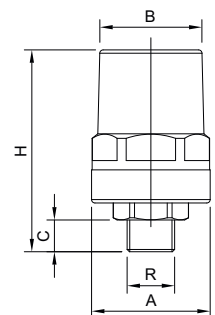
PN 10. Construcción en latón niquelado UNE-EN 12165. Diafragma de EPDM peroxido. Muelle en acero zincado EN 10270. Extremos rosca gas (BSP) M - ISO 228/1. Temperatura máxima de trabajo 90°C. El amortiguador anti-golpe de ariete "STOP-GE" ha sido diseñado para atenuar el fenómeno del "golpe de ariete" que se genera al cerrar un conducto, generando de manera abrupta una variación de la velocidad del fluido.

### "STOP-GE" water hammer damper

PN 10. Nickel plated brass construction UNE-EN 12165. EPDM perox diaphragm. Zinc plated steel spring EN 10270. Gas threaded ends (BSP) M - ISO 228/1. Maximum working temperature 90°C. The "STOP-GE" water hammer damper has been designed to attenuate the "water hammer" phenomenon which is created in a closed conduct when there is an abrupt variation in the fluid speed.

| R    | A  | B  | C    | H  |
|------|----|----|------|----|
| 1/2" | 52 | 45 | 13,5 | 90 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 3317 04 | 1/2" | 0.515 | 1-40 | - |
|---------|------|-------|------|---|



# Válvulas reductoras de presión

## Pressure reducer valves

Disminuyen y estabilizan la presión según requerimiento  
Decrease and stabilize the pressure as required

UNE-EN  
**12165** Latón anticorrosivo  
Anticorrosive brass

AISI  
**316** Ref. 2272

Conexiones roscadas  
Threaded ends  
**G ISO 228/1**  
**R ISO 7-1** (Ref. 2272)

PN **16 | 40**



**Tipos**  
Types

**Pistón** (Ref. 3318, 3320, 3320E)  
**Membrana** (Ref. 3340, 3324, 3342)  
Piston (Ref. 3318, 3320, 3320E)  
Membrane (Ref. 3340, 3324, 3342)

**Diferentes dimensiones y rangos de presión**  
Different dimensions and pressure ranges

**Acabados**  
Colour finished  
**Cromado**  
**Niquelado**  
**Inoxidable**  
Chrome plated  
Nickel plated  
Stainless steel



### Elementos Elements

1. Tapa protectora | Protective cap
2. Cuerpo superior de regulación  
Upper regulating body
3. Cuerpo con portamanómetro  
Body with pressure gauge holder
4. Manómetro | Pressure gauge
5. Tapa inferior | Lower cap



Ref. 3315

NEW



**Válvula reductora de presión mini "Optim"**

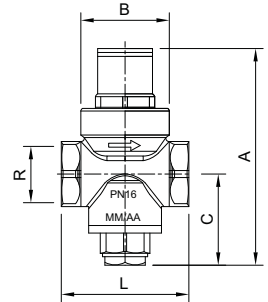
PN 16. Construcción en latón niquelado según UNE-EN 12165. Muelle de acero zincado según EN 10270. Juntas de EPDM Perox. Extremo rosca gas (BSP) H-H, ISO 228/1. Temp. máx. 130°C.

**"Optim" mini pressure reducing valve**

PN 16. Nickel plated brass construction UNE-EN 12165. Zinc plated steel spring EN 10270. EPDM Perox joints. Gas threaded ends (BSP) F-F, ISO 228/1. Max. temperature 130°C

| R    | A  | ØB | C  | L  | Presión salida/<br>Output pressure Min. | Presión salida/<br>Output pressure Max. |
|------|----|----|----|----|---|---|
| 1/2" | 84 | 34 | 35 | 49 | 1                                       | 5,5                                     |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
| 3315 04        | 1/2"           | 0.274          | -                    | -                   |



Ref. 3318 - 3318N



**Válvula reductora de presión Redux-GE a pistón**

PN 25. Construcción en latón UNE-EN 12165 niquelado. Cierre acero inox. AISI 303. Muelle en acero zincado EN-10270. Juntas EPDM perox. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. trabajo 130°C. También disponible con rosca NPT (3318N)

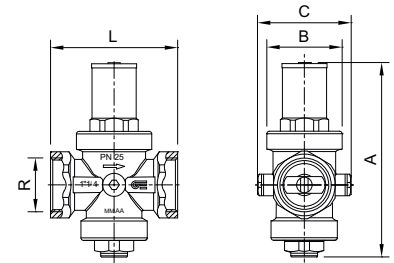
**Redux-GE pressure reducing valve - Piston type**

PN 25. Nickel plated brass construction UNE-EN 12165. AISI 303 stainless steel sealing. Zinc plated steel spring EN-10270. EPDM perox joints. Gas threaded ends (BSP) F-F - ISO 228/1. Max. working temp. 130°C. Also available NPT thread (3318N).

| R      | A     | ØB   | C   | L   | Presión salida / Output pressure |      |
|--------|-------|------|-----|-----|----------------------------------|------|
|        |       |      |     |     | Min.                             | Max. |
| 1/2"   | 114   | 48   | 63  | 69  | 1                                | 5,5  |
| 3/4"   | 114   | 48   | 63  | 82  | 1                                | 5,5  |
| 1"     | 146   | 59   | 73  | 96  | 1                                | 5,5  |
| 1 1/4" | 152   | 59   | 73  | 100 | 1                                | 5,5  |
| 1 1/2" | 148,5 | 59   | 77  | 91  | 1                                | 5,5  |
| 2"     | 150,5 | 59   | 81  | 97  | 1                                | 5,5  |
| 2 1/2" | 263,5 | 76   | 112 | 147 | 1,5                              | 7    |
| 3"     | 285   | 82,5 | 112 | 179 | 1,5                              | 7    |
| 4"     | 325   | 88,5 | 124 | 189 | 1,5                              | 7    |

|         |        |       |      |   |
|---------|--------|-------|------|---|
| 3318 04 | 1/2"   | 0.55  | 1-40 | - |
| 3318 05 | 3/4"   | 0.591 | 1-40 | - |
| 3318 06 | 1"     | 1.024 | 1-20 | - |
| 3318 07 | 1 1/4" | 1.134 | 1-20 | - |
| 3318 08 | 1 1/2" | 1.34  | 1-20 | - |
| 3318 09 | 2"     | 1.471 | 1-20 | - |
| 3318 10 | 2 1/2" | 4.12  | 1-4  | - |
| 3318 11 | 3"     | 5.56  | 1-3  | - |
| 3318 12 | 4"     | 6.85  | 1-2  | - |

Precios rosca NPT a consultar / NPT thread prices on request



Ref. 3320E



**Válvula reductora de presión a pistón "Rinodox"**

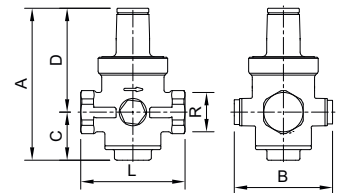
PN25. Cuerpo en latón niquelado UNE-EN 12165. Cierre inox AISI 304 y goma EPDM . Muelle en acero galvanizado. Juntas tóricas en EPDM. Extremos rosca gas (BSP) H-H ISO 228/1. Campo de regulación 0,5 a 6 bar. Presión salida establecida 3 bar.

**"Rinodox" pressure reducing valve - Piston type**

PN 25. Nickel plated brass UNE-EN 12165. Sealing inox AISI 304 and EPDM rubber. Galvanized steel spring. EPDM o-rings. Gas threaded ends (BSP) F-F ISO 228/1. Adjustable range from 0,5 to 6 bar. Outlet setting pressure 3 bar.

| R    | A   | B  | C  | L  | Presión salida (bar)/<br>Output pressure (bar) Min. | Presión salida (bar)/<br>Output pressure (bar) Max. |
|------|-----|----|----|----|---|---|
| 1/2" | 100 | 65 | 32 | 69 | 0,5   | 6   |

|          |      |      |      |   |
|----------|------|------|------|---|
| 3320E 04 | 1/2" | 0.54 | 1-24 | - |
|----------|------|------|------|---|



Ref. 3320



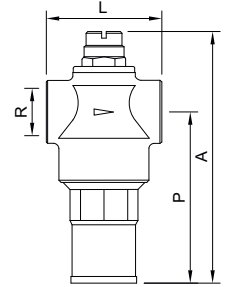
**Válvula reductora de presión "Rinoxdue" a pistón**

PN25. Cuerpo latón UNE-EN 12165 cromado. Cierre inox AISI 303. Juntas tóricas NBR. Extremos rosca gas (BSP) H-H ISO 228/1. Campo de regulación 0,5 a 7 bar. Presión salida establecida 3 bar.

**"Rinoxdue" pressure reducing valve - Piston type**

PN 25. Body chrome plated brass UNE-EN 12165. Sealing inox AISI 303. Gas threaded ends (BSP) F-F ISO 228/1. Adjustable range from 0,5 to 7 bar. Outlet setting pressure 3 bar.

| R      | A   | L  | P   | Presión salida / Output pressure |      |
|--------|-----|----|-----|----------------------------------|------|
|        |     |    |     | Min.                             | Max. |
| 1/2"   | 110 | 60 | 69  | 0,5                              | 4    |
| 3/4"   | 110 | 60 | 69  | 0,5                              | 4    |
| 1"     | 152 | 86 | 92  | 0,5                              | 7    |
| 1 1/4" | 158 | 91 | 93  | 0,5                              | 7    |
| 1 1/2" | 163 | 91 | 98  | 0,5                              | 7    |
| 2"     | 171 | 91 | 101 | 0,5                              | 7    |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3320 04     | 1/2"        | 0.454       | 1-20              | -                |
| 3320 05     | 3/4"        | 0.452       | 1-20              | -                |
| 3320 06     | 1"          | 1.098       | 1-6               | -                |
| 3320 07     | 1 1/4"      | 1.37        | 1-10              | -                |
| 3320 08     | 1 1/2"      | 1.436       | 1-10              | -                |
| 3320 09     | 2"          | 1.506       | 1-10              | -                |

Ref. 3340



**Válvula reductora de presión "Rinox" a membrana**

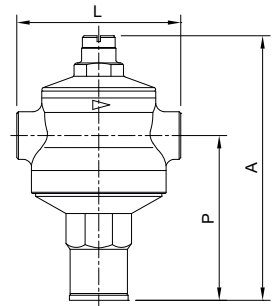
PN 40. Caudal total. Cuerpo latón UNE-EN 12165 cromado. Cierre acero inox AISI 304. Muelle en acero al silicio zincado. Membrana y juntas tóricas: NBR. Presión entrada máx. 16 bar. Extremos rosca gas (BSP) H-H - ISO 228/1

**"Rinox" membrane pressure reducing valve**

PN 40. Full flow. Body chrome plated brass UNE-EN 12165. Sealing inox AISI 304. Zinc plated silicone steel spring o-ring NBR. Membrane: reinforced EPDM. Max. input pressure 16 bar. Gas threaded ends (BSP) F-F - ISO 228/1.

| R      | A     | L   | P     | PN | Presión salida / Output pressure |      |
|--------|-------|-----|-------|----|----------------------------------|------|
|        |       |     |       |    | Min.                             | Max. |
| 1/2"   | 155,5 | 95  | 97    | 40 | 0,8                              | 5,5  |
| 3/4"   | 155,5 | 95  | 97    | 40 | 0,8                              | 5,5  |
| 1"     | 166   | 95  | 101,5 | 40 | 0,8                              | 5,5  |
| 1 1/4" | 233,5 | 116 | 165   | 40 | 0,8                              | 7    |
| 1 1/2" | 248   | 122 | 175   | 40 | 0,8                              | 7    |
| 2"     | 248   | 126 | 175   | 40 | 0,8                              | 7    |
| 2 1/2" | 377,5 | 180 | 274,5 | 40 | 0,8                              | 7    |
| 3"     | 377,5 | 188 | 274,5 | 40 | 0,8                              | 7    |
| 4"     | 377,5 | 202 | 274,5 | 40 | 0,8                              | 7    |

|         |        |       |      |   |
|---------|--------|-------|------|---|
| 3340 04 | 1/2"   | 1.372 | 1-6  | - |
| 3340 05 | 3/4"   | 1.44  | 1-20 | - |
| 3340 06 | 1"     | 1.62  | 1-6  | - |
| 3340 07 | 1 1/4" | 2.464 | 1-4  | - |
| 3340 08 | 1 1/2" | 2.928 | 1-3  | - |
| 3340 09 | 2"     | 3.12  | 1-8  | - |
| 3340 10 | 2 1/2" | 12.95 | 1    | - |
| 3340 11 | 3"     | 13.25 | 1    | - |
| 3340 12 | 4"     | 14.31 | 1-1  | - |



Ref. 3324



**Válvula reductora de presión a membrana con filtro**

PN 16. Cuerpo en latón anticorrosión DZR UNE-EN 12165 niquelado. Membrana en NBR. Filtro en acero inox AISI 302, 800 micras. Juntas en NBR. Extremos rosca gas (BSP) H-H ISO 228/1. Temperatura máx. de trabajo 80°C. Presión máxima entrada 16 bar. Campo de regulación 0,8 a 7 bar. Presión de salida establecida 3 bar.

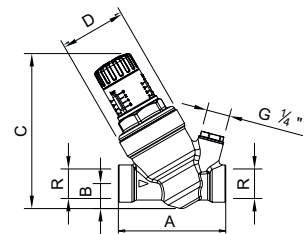
**Membrane pressure reducing valve with filter**

PN 16. Body nickel plated DZR anticorrosion brass construction UNE-EN 12165. Membrane NBR. Filter stainless steel AISI 302, 800 microns. O-rings NBR. Gas threaded ends (BSP) F-F ISO 228/1. Max. working temperature 80°C. Max. inlet pressure 16 bar. Adjustable range from 0,8 to 7 bar. Outlet setting pressure 3 bar.

| R    | A  | B  | C   | Ø D | Presión salida / Output pressure |      |
|------|----|----|-----|-----|----------------------------------|------|
|      |    |    |     |     | Min.                             | Max. |
| 1/2" | 75 | 17 | 108 | 46  | 0,8                              | 7    |
| 3/4" | 78 | 19 | 111 | 46  | 0,8                              | 7    |

|         |      |     |      |   |
|---------|------|-----|------|---|
| 3324 04 | 1/2" | 0.4 | 1-20 | - |
| 3324 05 | 3/4" | 0.5 | 1-20 | - |

Precios a consultar / Prices on request



Ref. 3342



### Válvula reductora de presión a membrana

PN 25. Construcción en latón anticorrosión DZR según UNE-EN 12165. Membrana en EPDM reforzada en poliamida. Filtro en acero inox AISI 304, 500 micras. Juntas de EPDM. Muelle de acero galvanizado. Extremos rosca con racores M-M conico s/ EN 10226. Temperatura máx. de trabajo 80°C. Presión máx. de trabajo 25 bar. Campo de regulación 1 a 6 bar. Presión de salida establecida 3 bar.

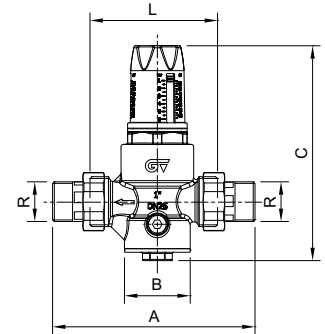
### Membrane pressure reducing valve

PN 25. DZR anticorrosion brass construction UNE-EN 12165. EPDM membrane with polyamide reinforced. Filter stainless steel AISI 304, 500 microns. EPDM joints. Steel galvanized spring. Threaded ends with taper connectors M-M EN 10226. Max. working temp. 80°C. Max. working pressure 25 bar. Adjustable range from 1 to 6 bar. Outlet setting pressure 3 bar.

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3342 04     | 1/2"        | 0.77        | 1-18              | -                |
| 3342 05     | 3/4"        | 0.97        | 1-18              | -                |
| 3342 06     | 1"          | 1.595       | 1-12              | -                |
| 3342 07     | 1 1/4"      | 1.83        | 1-12              | -                |
| 3342 08     | 1 1/2"      | 3.08        | 1                 | -                |
| 3342 09     | 2"          | 4.25        | 1                 | -                |



| R      | A   | B    | C     | L   | Presión salida (bar) / Output pressure (bar) |      |
|--------|-----|------|-------|-----|--|------|
|        |     |      |       |     | Min.   | Max. |
| 1/2"   | 140 | 42   | 149,3 | 84  | 1  | 6    |
| 3/4"   | 160 | 42   | 149,3 | 90  | 1  | 6    |
| 1"     | 199 | 55,2 | 180,5 | 100 | 1  | 6    |
| 1 1/4" | 170 | 55,2 | 188,4 | 108 | 1  | 6    |
| 1 1/2" | 199 | 70   | 239,3 | 134 | 1  | 6    |
| 2"     | 193 | 70   | 245,8 | 142 | 1  | 6    |



Ref. 3344



### Válvula reductora de presión a pistón con bridas

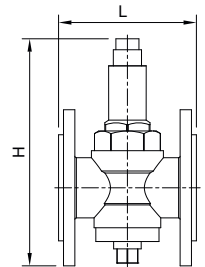
Bridas DIN PN 10/16. Cuerpo aleación de bronce UNI EN 1982. Cierre inox. AISI 303. Juntas tóricas: NBR. Máxima presión de entrada 30 bar. Máx. temperatura de trabajo 80°C. Rango de salida ajustable de 1,5 a 7 bar.

### Direct acting piston flanged ends pressure reducing valve

Flanged DIN PN 10/16. Bronze alloy body UNI EN 1982. Sealing inox. AISI 303. O-rings NBR. Maximum inlet pressure 30 bar. Maximum working temperature 80°C. Outlet range: adjustable from 1,5 to 7 bar.

| DN  | L   | H   |
|-----|-----|-----|
| 50  | 165 | 250 |
| 65  | 170 | 260 |
| 80  | 177 | 270 |
| 100 | 207 | 320 |

|         |        |       |     |   |
|---------|--------|-------|-----|---|
| 3344 09 | 2"     | 10.7  | 1-2 | - |
| 3344 10 | 2 1/2" | 10.7  | 1-2 | - |
| 3344 11 | 3"     | 14.3  | 2   | - |
| 3344 12 | 4"     | 16.95 | 1   | - |



Ref. 2272



### Válvula reductora de presión inoxidable

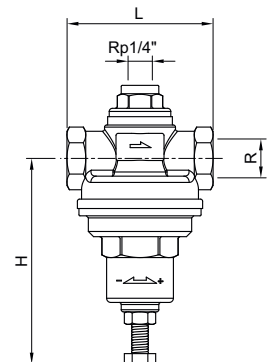
Construcción: acero inox. CF8M (316) microfundición. Extremos rosca gas ISO 228-1. Asiento y diafragma FPM (Viton). Presión máxima de entrada 25 bar. Presión de salida: 1 - 6 bar (tarado a 3 bar). Temperatura de trabajo: -15°C +120°C.

### Stainless steel pressure reducing valve

Construction: stainless steel CF8M (316) investment casting. Gas threaded ends ISO 228-1. Seat and diaphragm in FPM (viton). Maxim input pressure 25 bar. Outlet pressure: 1 - 6 bar (preset 3 bar). Working temperature: -15°C +120°C.

| DN | R    | H   | L  |
|----|------|-----|----|
| 15 | 1/2" | 100 | 70 |
| 20 | 3/4" | 100 | 85 |
| 25 | 1"   | 105 | 92 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 2272 04 | 1/2" | 0.785 | 1-16 | - |
| 2272 05 | 3/4" | 0.894 | 1-20 | - |
| 2272 06 | 1"   | 1.107 | 1-10 | - |





Ref. 39101



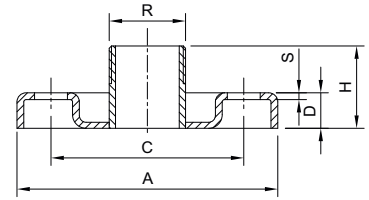
**Brida roscada PN16**

Construcción en acero inox. AISI 304. Extremo rosca macho (ISO 228/1). Aplicación para filtros autolimpiantes y reductoras de presión

**Threaded flange PN 16**

Stainless steel AISI 304 construction. Thread male end (ISO 228/1). Use mainly for self-cleaning filters and pressure reducing valves

| R      | A   | C   | H    | D  | S | N.º agujeros/<br>Num. holes |
|--------|-----|-----|------|----|---|-----------------------------|
| 1 1/2" | 150 | 110 | 46,5 | 16 | 3 | 4                           |
| 2"     | 165 | 125 | 52,5 | 16 | 4 | 4                           |
| 2 1/2" | 185 | 145 | 62,5 | 18 | 4 | 4                           |
| 3"     | 200 | 160 | 72,5 | 18 | 4 | 8                           |
| 4"     | 225 | 180 | 83,5 | 19 | 5 | 8                           |



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
| 39101 08       | 1 1/2"         | 0.571          | 1                    | -                   |
| 39101 09       | 2"             | 1              | 1                    | -                   |
| 39101 10       | 2 1/2"         | 1.2            | 1                    | -                   |
| 39101 11       | 3"             | 1.45           | 1                    | -                   |
| 39101 12       | 4"             | 2.177          | 1                    | -                   |

Ref. 3772 - 3773



**Racor 5 vías acoplamiento bombas**

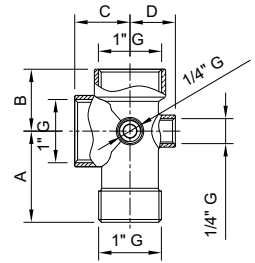
PN 16. Construcción en latón UNE-EN 12165. Extremos roscados ISO 228/1. Temperatura máxima de trabajo 180°C

**5 ways fitting for pump connection**

PN 16. Brass construction UNE-EN 12165. Threaded ends ISO 228/1. Maximum working temperature 180°C

| Ref. | A  | B  | C  | D  |
|------|----|----|----|----|
| 3772 | 48 | 33 | 29 | 24 |
| 3773 | 67 | 33 | 29 | 24 |

|            |             |       |        |   |
|------------|-------------|-------|--------|---|
| 3772 06 06 | 1" - 81 mm  | 0.202 | 12-144 | - |
| 3773 06 06 | 1" - 100 mm | 0.231 | 8-72   | - |



Ref. 3775



**Racor 5 vías de acoplamiento bombas inox. Longitud 99 mm**

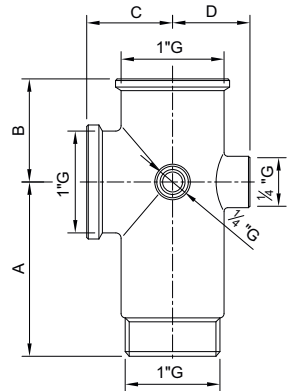
PN 10. Construcción en AISI 316 microfundición. Extremos rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 180°C.

**5 ways stainless steel fitting for pumps. Length 99 mm**

PN 10. Material: AISI 316. Investment casting. Gas threaded ends (BSP) M-F - ISO 228/1. Max. temp. 180°C.

| A  | B  | C  | D  |
|----|----|----|----|
| 63 | 36 | 30 | 27 |

|            |           |      |      |   |
|------------|-----------|------|------|---|
| 3775 06 06 | 1" - 99mm | 0.27 | 8-96 | - |
|------------|-----------|------|------|---|



Ref. 3777



**Colector de aspiración**

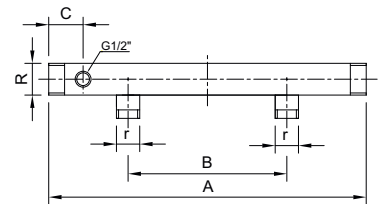
Construcción en acero inox AISI 304. Rosca gas (BSP) M, ISO 228/1

**Suction collector**

Stainless steel AISI 304. Gas threads ends (BSP) M, ISO 228/1

| R   | r        | A   | B   | C  |
|-----|----------|-----|-----|----|
| G2" | G 1 1/4" | 600 | 300 | 65 |

|            |             |       |      |   |
|------------|-------------|-------|------|---|
| 3777 09 07 | 2" x 1 1/4" | 1.542 | 1-10 | - |
|------------|-------------|-------|------|---|



Ref. 3788



**Colector para dos bombas**

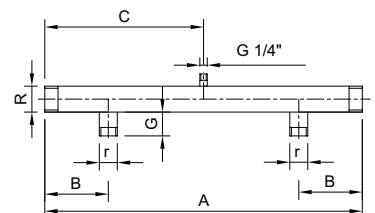
Construcción en acero inox AISI 304. Rosca gas (BSP) M, ISO 228/1

**Two pumps manifold**

Stainless steel AISI 304. Gas threads ends (BSP) M, ISO 228/1

| R       | r       | A   | B   | C   | G  |
|---------|---------|-----|-----|-----|----|
| G1 1/2" | G1"     | 600 | 120 | 270 | 45 |
| G2"     | G1 1/4" | 600 | 120 | 270 | 45 |
| G2"     | G1 1/2" | 600 | 120 | 270 | 45 |

|            |             |       |   |   |
|------------|-------------|-------|---|---|
| 3788 08 06 | 1 1/2" x 1" | 1.455 | 1 | - |
| 3788 09 07 | 2" x 1 1/4" | 1.455 | 1 | - |
| 3788 09 08 | 2" x 1 1/2" | 1.455 | 1 | - |



Ref. 3789



**Extensor para bomba sumergida**

Extensor roscado con gancho para bombas sumergibles. Construcción en acero inoxidable AISI 304. Extremos rosca gas (BSP) M, UNE-EN 228/1.

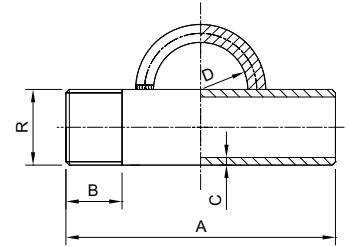
**Extension screws for submersible pumps**

Extension screws with hook for submersible pumps. Stainless steel AISI 304 construction. Gas threaded ends (BSP) M, UNE-EN 228/1.

| R               | A   | B  | C | D  |
|-----------------|-----|----|---|----|
| 1" x 1"         | 120 | 25 | 3 | 21 |
| 1 1/4" x 1 1/4" | 150 | 25 | 3 | 21 |
| 1 1/2" x 1 1/2" | 150 | 25 | 3 | 21 |
| 2" x 2"         | 200 | 25 | 3 | 21 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |                 |       |   |   |
|---------|-----------------|-------|---|---|
| 3789 06 | 1"x1"           | 0.246 | 1 | - |
| 3789 07 | 1 1/4" x 1 1/4" | 0.001 | 1 | - |
| 3789 08 | 1 1/2" x 1 1/2" | 0.001 | 1 | - |
| 3789 09 | 2" x 2"         | 0.001 | 1 | - |



Ref. 3780



**Presostato para agua 0-4 bar**

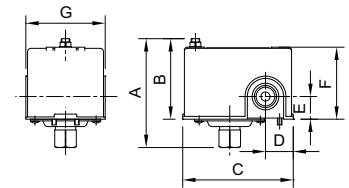
Para controlar presión de bombas de agua. Tensión de conexión 230V 50-60 Hz. Potencia máxima conexión 1,5 KW. Presión máxima trabajo 4 bar. Regulación de 0 a 4 bar. Tiempo máximo de maniobras 60 ciclos/min. Diferencial variable.

**0 - 4 bar Pressure switch for water**

To control pressure of water pumps. Connection voltage 230V 50-60 Hz. Max. connection power 1.5 KW. Max. working pressure 4 bar. Scale from 0 to 4 bar. Max. operating time 60 cycles/min. Variable differential.

| A  | B  | C    | D    | E  | F    | G  |
|----|----|------|------|----|------|----|
| 95 | 70 | 97,5 | 24,5 | 20 | 63,5 | 70 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 3780 02 | 1/4" | 0.332 | 1-61 | - |
|---------|------|-------|------|---|



Ref. 3781



**Presostato para agua 4 - 10 bar**

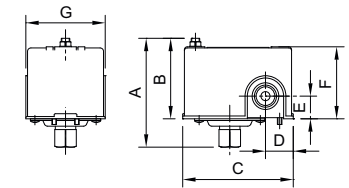
Para controlar presión de bombas de agua. Tensión de conexión 230V 50-60 Hz. Potencia máxima conexión 1,5 KW. Presión máxima trabajo 10 bar. Regulación de 4 a 10 bar. Tiempo máximo de maniobras 60 ciclos/min. Diferencial variable.

**4 - 10 bar Pressure switch for water**

To control pressure of water pumps. Connection voltage 230V- 50-60 Hz. Max. connection power 1.5 KW. Max. working pressure 10 bar. Scale from 4 to 10 bar. Max. operating time 60 cycles/min. Variable differential.

| A  | B  | C    | D    | E  | F    | G  |
|----|----|------|------|----|------|----|
| 95 | 70 | 97,5 | 24,5 | 20 | 63,5 | 70 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 3781 02 | 1/4" | 0.345 | 1-61 | - |
|---------|------|-------|------|---|



Ref. 3782

NEW



**Presostato electrónico digital**

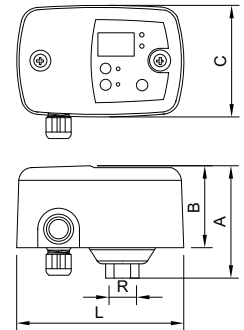
Para controlar la presión en bombas de agua. Tensión de conexión 110V - 230V (50/60 Hz) Potencia máxima de conexión 2,2 Kw. Presión máxima de trabajo 10 bar. Regulación 0,5 - 7 bar Grado de protección IP55. Conexión rosca gas (BSP) H, ISO 228/1. Temperatura máx. del agua 50°C.

**Electronic digital pressure switch**

To control pressure of water pumps. Connection voltage 110V - 230V (50/60 Hz). Max. connection power 2,2 Kw. Max. working pressure 10 bar. Scale from 0,5 - 7 bar. Protection degree IP55. Gas threaded ends (BSP) F, ISO 228/1. Max. water temperature 50°C.

| R    | A  | B  | C    | L   |
|------|----|----|------|-----|
| 1/4" | 75 | 50 | 77,5 | 116 |

|         |      |       |   |   |
|---------|------|-------|---|---|
| 3782 02 | 1/4" | 0.412 | - | - |
|---------|------|-------|---|---|



Ref. 3784



**Presostato 1 vía para aire**

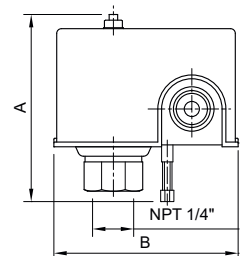
Para controlar presión de compresores. Tensión de conexión 240V 50-60 Hz. Potencia máxima conexión 2,2 KW. Presión máxima trabajo 12 bar. Regulación de 1,5 a 12 bar. Diferencial variable. Rosca 1/4" NPT. Válvula de descarga incorporada. Función desconexión manual.

**1 way pressure switch for air**

To control pressure of air pumps. Connection voltage 240V 50-60 Hz. Max. connection power 2.2 KW. Max. working pressure 12 bar. Scale from 1.5 to 12 bar. Variable differential. NPT 1/4" thread. Discharge valve incorporated. Manual disconnection function.

| A   | B  |
|-----|----|
| 115 | 98 |

|         |          |       |      |   |
|---------|----------|-------|------|---|
| 3784 02 | 1/4" NPT | 0.378 | 1-60 | - |
|---------|----------|-------|------|---|



Ref. 3785



**Presostato 4 vías para aire**

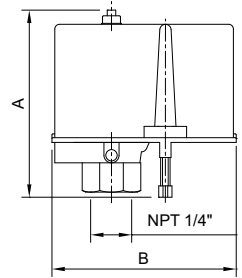
Para controlar presión de compresores. Tensión de conexión 240V 50-60 Hz. Potencia máxima conexión 2,2 KW. Presión máxima trabajo 12 bar. Regulación de 1,5 a 12 bar. Diferencial variable. Rosca 1/4" NPT. Válvula de descarga incorporada. Función desconexión manual.

**4 ways pressure switch for air**

To control pressure of air pumps. Connection voltage 240V 50-60 Hz. Max. connection power 2.2 KW. Max. working pressure 12 bar. Scale from 1.5 to 12 bar. Variable differential. NPT 1/4" thread. Discharge valve incorporated. Manual disconnection function.

| A   | B    |
|-----|------|
| 118 | 90,5 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3785 02     | 1/4" NPT    | 0.387       | 1-60              | -                |



Ref. 3881



**Interruptor de nivel horizontal para vaciado**

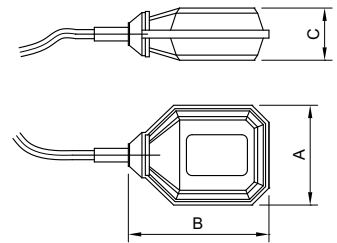
Tensión de conexión 110-220V / 50-60 Hz. Potencia máxima de conexión 1,5Kw. Temp. máx. funcionamiento 50°C. Protección IP68. Código 3881 040 con longitud de cable 40cm. Código 3881 300 con longitud de cable 300cm.

**Horizontal level switch for emptying**

Supply voltage 110-220V / 50-60 Hz. Max. connection power 1.5 Kw. Max. operating temp 50°C. Protection IP68. Code 3881 040 with 40cm wire. Code 3881 300 with 300cm wire.

| A  | B   | C  |
|----|-----|----|
| 90 | 125 | 45 |

|          |       |       |      |   |
|----------|-------|-------|------|---|
| 3881 040 | 40 cm | 0.21  | 1-24 | - |
| 3881 300 | 300cm | 0.511 | 1-24 | - |



Ref. 3882



**Contrapeso**

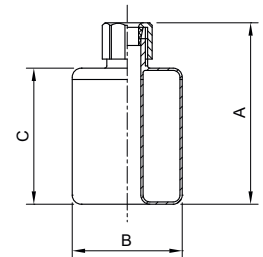
Montado en el interruptor de nivel horizontal para la regulación de niveles. Temperatura máxima 50°C. Apto para cables hasta Ø 10 mm.

**Counterweight**

Assembling in the horizontal level switch - to regulate levels. Max. operating temp. 50°C suitable for cables until Ø 10 mm.

| A  | B    | C  |
|----|------|----|
| 80 | 48,5 | 60 |

|         |   |      |       |   |
|---------|---|------|-------|---|
| 3882 00 | - | 0.26 | 1-100 | - |
|---------|---|------|-------|---|



Ref. 3883



**Interruptor de nivel horizontal conmutable**

Tensión de conexión 110-220V / 50-60 Hz. Potencia máxima de conexión 1,5Kw. Temp. máx. funcionamiento 50°C. Protección IP68. Contrapeso incluido.

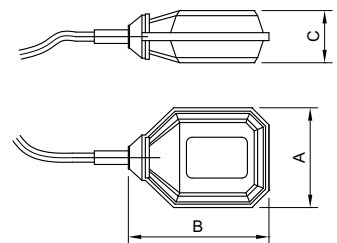
Código 3883 300 con longitud de cable 300cm. Código 3883 500 con longitud de cable 500cm.

**Commutable horizontal level switch**

Supply voltage 110-220V / 50-60 Hz. Max. connection power 1.5 Kw. Max. operating temp 50°C. Protection IP68. Counterweight included. Code 3883 300 with 300cm wire. Code 3883 500 with 500cm wire.

| A  | B   | C  |
|----|-----|----|
| 90 | 125 | 45 |

|          |     |       |      |   |
|----------|-----|-------|------|---|
| 3883 300 | 300 | 0.73  | 1-22 | - |
| 3883 500 | 500 | 0.973 | 1-20 | - |





Ref. 3884



### Controlador de volumen de aire

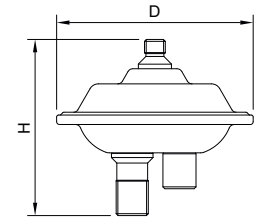
Construcción en acero al carbono zincado Q235 resistente al choque térmico. Membrana en polipropileno. Extremos roscados NPT 3/8" x 7/16" - 24. Para volúmenes de depósitos de 45 y 100 galones. Máx. temp. trabajo 60°C. Máx. presión trabajo 150 psi (10 bar).

#### Air volume control

Zinc plated carbon steel Q235A shock therm resistant construction. Polypropylene membrane. Threaded ends NPT 3/8" x 7/16" - 24. Available for tanks volume of 45 and 100 gallons. Max. working temp. 60°C. Max. working pressure: 150 psi (10 bar).

| D   | H  |
|-----|----|
| 104 | 92 |

| CÓDIGO CODE | MEDIDA SIZE           | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-----------------------|-------------|-------------------|------------------|
| 3884 00     | NPT 3/8" x 7/16" - 24 | 0.308       | 1-48              | -                |



Ref. 3884



### Controlador de volumen de aire

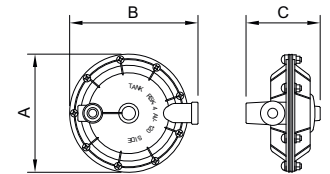
Construcción en aleación de zinc (Zamac). Membrana en EPDM. Conexiones roscadas hembra NPT 1/4" x NPT 3/8". Para volúmenes de depósitos de 120 galones. Máx. temp. trabajo 60°C. Máx. presión trabajo 150 psi.

#### Air volume control

Zinc alloy (Zamac) construction. EPDM membrane. Female threaded connections NPT 1/4" x NPT 3/8". Available for tanks volume of 120 gallons. Max. working temp. 60°C. Max. working pressure: 150 psi.

| A   | B   | C  |
|-----|-----|----|
| 140 | 150 | 90 |

|          |                     |       |      |   |
|----------|---------------------|-------|------|---|
| 3884 120 | NPT 1/4" x NPT 3/8" | 0.812 | 1-20 | - |
|----------|---------------------|-------|------|---|



Ref. 3886



### Válvula de flotador sin boya

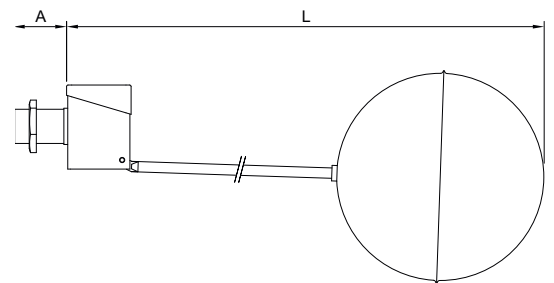
Construcción en acero inoxidable AISI 304. Conexión rosca gas. Paso total. Cierre de silicona progresivo. Presión de trabajo máxima 10 BAR. Máx. temp. trabajo 150°.

#### Floating valve without buoy

Made of stainless steel AISI 304. Connection gas threaded. Full port. Silicone soft sealing. Max. working pressure 10 BAR. Max working temp. 150°.

| R      | L   | A  |
|--------|-----|----|
| 3/8"   | 300 | 32 |
| 1/2"   | 410 | 35 |
| 3/4"   | 500 | 42 |
| 1"     | 580 | 45 |
| 1 1/4" | 580 | 52 |

|         |        |       |    |   |
|---------|--------|-------|----|---|
| 3886 03 | 3/8"   | 0.105 | 24 | - |
| 3886 04 | 1/2"   | 0.178 | 24 | - |
| 3886 05 | 3/4"   | 0.308 | 20 | - |
| 3886 06 | 1"     | 0.377 | 15 | - |
| 3886 07 | 1 1/4" | 0.464 | 15 | - |



Ref. 3887



### Boya para flotador

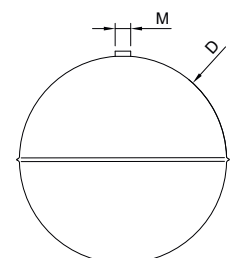
Construcción en acero inoxidable AISI 304.

#### Buoy for floating valves

Made of stainless steel AISI 304.

| R    | D   | M   |
|------|-----|-----|
| 3/8" | 90  | M-6 |
| 1/2" | 110 | M-6 |
| 3/4" | 160 | M-8 |

|          |          |       |      |   |
|----------|----------|-------|------|---|
| 3887 090 | Ø 90 mm  | 0.067 | 1-48 | - |
| 3887 110 | Ø 110 mm | 0.095 | 1-27 | - |
| 3887 160 | Ø 160 mm | 0.331 | 1-8  | - |



Ref. 2848



**Controlador de caudal (líquidos)**

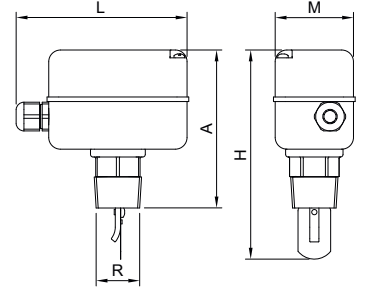
Caja aleación aluminio. Racor latón. Lengüetas en acero inox incluidas de diferentes medidas para tuberías de 1" a 8". Conexión rosca 1" ISO 7/1 (EN 10226-1). Temp. máx. 110°C. Presión máx. 10 bar. 250V - 10A. Protección IP-64.

**Liquid flow switch**

Aluminium alloyed box. Brass connector. Including stainless steel blades in different sizes for pipes from 1" to 8". Threaded connection 1" ISO 7/1 (EN 10226-1). Max. temp. 110°C. Max. pressure 10 bar. 250V - 10A. Protection IP-64.

| "Ø" TUBERÍA / PIPE | R  | A   | H   | M  | L   |
|--------------------|----|-----|-----|----|-----|
| 1" - 1 1/4"        | 1" | 118 | 158 | 63 | 132 |
| 1 1/2" - 2"        | 1" | 118 | 181 | 63 | 132 |
| 2 1/2" - 4"        | 1" | 118 | 212 | 63 | 132 |
| 5" - 8"            | 1" | 118 | 291 | 63 | 132 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 2848 06     | 1"          | 0.623       | 1-10              | -                |



Ref. 2850



**Controlador de caudal (líquidos)**

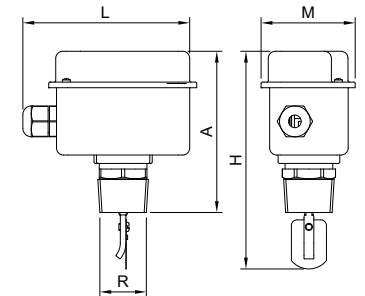
Caja acero pintado. Racor latón. Lengüetas en acero inox incluidas de diferentes medidas para tuberías de 1" a 8". Conexión rosca 1" ISO 7/1 (EN 10226-1). Temp. máx. 110°C. Presión máx. 10 bar. 250V - 10A. Protección IP-54.

**Liquid flow switch**

Coated steel box. Brass connector. Including stainless steel blades in different sizes for pipes from 1" to 8". Threaded connection 1" ISO 7/1 (EN 10226-1). Max. temp. 110°C. Max. pressure 10 bar. 250V - 10A. Protection IP-54.

| "Ø" TUBERÍA / PIPE | R  | A   | H   | M  | L   |
|--------------------|----|-----|-----|----|-----|
| 1" - 1 1/4"        | 1" | 115 | 155 | 66 | 125 |
| 1 1/2" - 2"        | 1" | 115 | 178 | 66 | 125 |
| 2 1/2" - 4"        | 1" | 115 | 209 | 66 | 125 |
| 5" - 8"            | 1" | 115 | 288 | 66 | 125 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 2850 06     | 1"          | 0.661       | 1-10              | -                |



Ref. 3253



**Controlador automático de bombas de agua. Potencia 1,5CV**

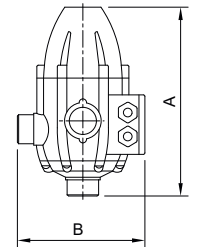
Para activar/desactivar el funcionamiento de una bomba en instalaciones y suministros. Tensión de conexión 110V-220V 50-60Hz. Intensidad máx. 10(6)A. Presión de arranque ajustable entre 1,5- 3 bar. Potencia 1,5 CV. Máx. presión de trabajo 10 bar. Máx. temp. trabajo 60°C. Protección IP 65. Manómetro 0-10 bar incorporado.

**Automatic water pump control. 1,5HP**

To power on/off pump operation for installations and supply. Connection voltage 110V-220V 50-60Hz. Max. current 10(6)A. Start adjustable pressure 1.5- 3 bar. Horse power 1,5 Hp. Max. working pressure 10 bar. Max. working temp. 60°C. IP 65. Pressure gauge 0-10 bar incorporated.

| Medida/Size | A   | B   |
|-------------|-----|-----|
| 1" x 1"     | 223 | 148 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3253        | 1" x 1"     | 1.113       | 1-16              | -                |



Ref. 3254



**Controlador automático de bombas de agua. Potencia 1,5 CV**

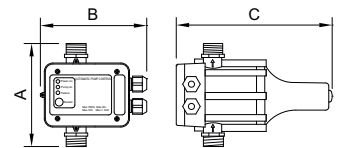
Para activar/desactivar el funcionamiento de una bomba en instalaciones y suministros. Tensión de conexión 220V-240V 50/60 Hz. Intensidad máx. 10(6)A. Presión de arranque/paro de bomba 1,5 bar. Potencia 1,5 CV. Máx. presión de trabajo 10 bar. Máx. temp. trabajo 60°C. Protección IP 65.

**Automatic water pump control. 1,5 HP**

To power on/off pump operation for installations and supply. Connection voltage 220V-240V 50/60 Hz. Max. current 10(6)A. Start/Stop pressure 1.5 bar. Horse power 1,5 Hp. Max. working pressure 10 bar. Max. working temp. 60°C. IP 65.

| Medida/Size | A   | B   | C   |
|-------------|-----|-----|-----|
| 1" x 1"     | 170 | 170 | 230 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3254        | 1" x 1"     | 1.104       | 1-12              | -                |



Ref. 3254P

NEW



**Controlador automático de bombas de agua. Potencia 2 CV**

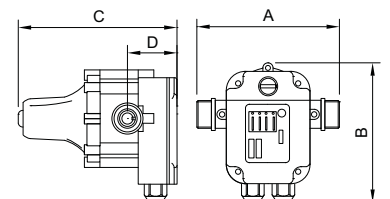
Para activar / desactivar el funcionamiento de una bomba en instalaciones y suministros. Tensión de conexión 230V ( 50/60 Hz). Intensidad máx. 16A. Rango de presión de arranque / paro de bomba ajustable 1 - 2,8 bar. Potencia de la bomba, hasta 2 CV. Máx. presión de trabajo 10 bar. Máx. temp. de trabajo 60°C. Grado de protección IP65.

**Automatic water pump control. 2 HP**

To power on/off pump operation for installations and supply. Connection voltage 230V (50/60 Hz). Max. current 16A. Adjustable start/ stop pressure from 1 - 2,8 bar. Horse power 2 Hp. Max. working pressure 10 bar. Max. working temp. 60°C. Protection degree IP65.

| Medida / Size | A   | B     | C     | D  |
|---------------|-----|-------|-------|----|
| 1" x 1"       | 166 | 161,5 | 193,5 | 60 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3254P       | 1" x 1"     | 0.9         | 15-135            | -                |



Ref. 3264



### Controlador automático de bombas de agua. Potencia 1 CV

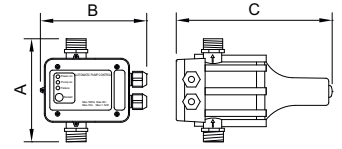
Para activar/desactivar el funcionamiento de una bomba en instalaciones y suministros. Tensión de conexión 110V-120V 50/60 Hz. Intensidad máx. 10(6)A. Presión de arranque/paro de bomba 1,5 bar. Potencia 1 CV. Máx. presión de trabajo 10 bar. Máx. temp. trabajo 60°C. Protección IP 65.

#### Automatic water pump control. 1 HP

To power on/off pump operation for installations and supply. Connection voltage 110V-120V 50/60 Hz. Max. current 10(6)A. Start/Stop pressure 1.5 bar. Horse power 1 Hp. Max. working pressure 10 bar. Max. working temp. 60°C. IP 65.

| Medida/Size | A   | B   | C   |
|-------------|-----|-----|-----|
| 1" x 1"     | 170 | 170 | 230 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3264        | 1" x 1"     | 1.094       | 1-12              | -                |



Ref. 3259

NEW



### Controlador digital automático de bombas de agua. Potencia 2 CV

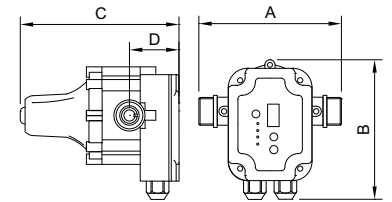
Para activar / desactivar el funcionamiento de una bomba en instalaciones y suministros. Tensión de conexión 110V - 230V (50/60 Hz). Intensidad máx. 16A. Rango de presión de arranque 0,5 - 4,5 bar / paro 1 - 8 bar. Potencia de la bomba, hasta 2 CV. Máx. presión de trabajo 10 bar. Máx. temp. de trabajo 60°C. Grado de protección IP 65.

#### Automatic water pump control. 2 HP

To power on/off pump operation for installations and supply. Connection voltage 110V - 230V (50/60 Hz). Max. current 16A. Adjustable start pressure from 0,5 - 4,5 bar/stop 1 - 8 bar. Horse power 2 Hp. Max. working pressure 10 bar. Max. working temp. 60°C. Protection degree IP65.

| Medida / Size | A   | B     | C     | D  |
|---------------|-----|-------|-------|----|
| 1" x 1"       | 166 | 161,5 | 193,5 | 60 |

|      |         |       |        |   |
|------|---------|-------|--------|---|
| 3259 | 1" x 1" | 0.944 | 15-135 | - |
|------|---------|-------|--------|---|



Ref. 3809



### Termomanómetro Ø80 Salida posterior.

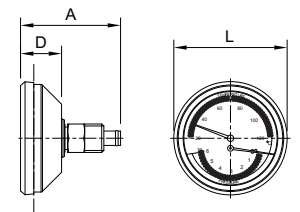
Caja de acero pintada. Tubo Bourdon y rosca de latón según UNE-EN 12165. Rosca R1/2" macho ISO 7/1 (UNE-EN 10226). Rango de presión 0 - 6 bar. Clase de precisión 2,5. Termómetro bimetalico. Rango de temperatura 20 a 120°C.

#### Thermomanometer Ø80, back connection

Steel case. Brass bourdon pipe and connector UNE-EN 12165. 1/2" male gas threaded (BSP) ISO 7/1 (UNE-EN 10226). Scale 0-6 bar. Precision class 2,5. Bimetallic thermometer. Temperature range 20 to 120°C.

| A  | L  | D  |
|----|----|----|
| 74 | 84 | 29 |

| CÓDIGO CODE | BAR | PSI | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-----|-----|-------------|-------------------|------------------|
| 3809 006    | 0-6 | -   | 0.181       | 1-36              | -                |



Ref. 3802



### Manómetro Ø 40, salida posterior, rosca BSP

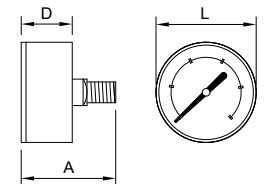
Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/8" macho gas (BSP). Graduaciones disponibles 0 a 6 y 0 a 10 bar. Salida posterior. Clase de precisión 2,5.

#### Pressure gauge Ø 40, back connection, BSP thread

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/8" male gas threaded (BSP). Scale available from 0 to 6 and 0 to 10 bar. Back connection. Precision class 2,5.

| A  | L  | D  |
|----|----|----|
| 39 | 40 | 25 |

|          |      |       |       |       |   |
|----------|------|-------|-------|-------|---|
| 3802 006 | 0-6  | 0-90  | 0.038 | 1-240 | - |
| 3802 010 | 0-10 | 0-150 | 0.037 | 1-240 | - |



Ref. 3819



### Manómetro Ø 53 indicador rojo, salida inferior

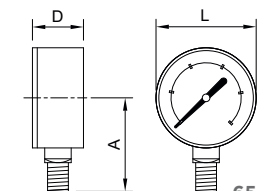
Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25 bar. Salida inferior (radial). Clase de precisión 2,5.

#### Pressure gauge Ø 53, red index, bottom connection

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2,5-4-6-10-16-25 bar. Bottom connection (radial). Precision class 2,5.

| A  | L  | D  |
|----|----|----|
| 46 | 53 | 27 |

|          |       |       |       |        |   |
|----------|-------|-------|-------|--------|---|
| 3819 002 | 0-2,5 | 0-40  | 0.063 | 1-280  | - |
| 3819 004 | 0-4   | 0-60  | 0.063 | 1-280  | - |
| 3819 006 | 0-6   | 0-90  | 0.063 | 1-280  | - |
| 3819 010 | 0-10  | 0-150 | 0.063 | 1-280  | - |
| 3819 016 | 0-16  | 0-240 | 0.064 | 1-280  | - |
| 3819 025 | 0-25  | 0-400 | 0.075 | 20-180 | - |





Ref. 3818



**Manómetro Ø 53 indicador rojo, salida posterior**

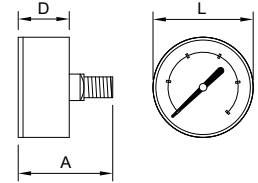
Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25 bar. Salida posterior. Clase de precisión 2,5.

**Pressure gauge Ø 53, red index, back connection**

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25 bar. Back connection. Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 48 | 53 | 27 |

| CÓDIGO CODE | BAR  | PSI   | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|------|-------|-------------|-------------------|------------------|
| 3818 004    | 0-4  | 0-60  | 0.07        | 1-210             | -                |
| 3818 006    | 0-6  | 0-90  | 0.07        | 1-210             | -                |
| 3818 010    | 0-10 | 0-150 | 0.07        | 1-210             | -                |
| 3818 016    | 0-16 | 0-240 | 0.068       | 1-210             | -                |



Ref. 3820



**Manómetro Ø 53, salida inferior, rosca BSP 1/4"**

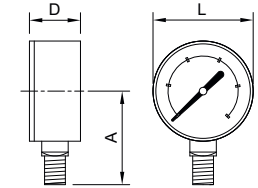
Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25 bar. Salida inferior (radial). Clase de precisión 2,5.

**Pressure gauge Ø 53, bottom connection, BSP thread 1/4"**

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25 bar. Bottom connection (radial). Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 47 | 53 | 27 |

|          |       |       |       |       |   |
|----------|-------|-------|-------|-------|---|
| 3820 002 | 0-2,5 | 0-40  | 0.062 | 1-280 | - |
| 3820 004 | 0-4   | 0-60  | 0.063 | 1-280 | - |
| 3820 006 | 0-6   | 0-90  | 0.063 | 1-280 | - |
| 3820 010 | 0-10  | 0-150 | 0.063 | 1-280 | - |
| 3820 016 | 0-16  | 0-240 | 0.063 | 1-280 | - |
| 3820 025 | 0-25  | 0-400 | 0.063 | 1-280 | - |



Ref. 3820N



**Manómetro Ø 53, salida inferior, rosca NPT 1/4"**

Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho (NPT). Graduaciones disponibles 0 a 2,5-4-6-10-16-25 bar. Salida inferior (radial). Clase de precisión 2,5.

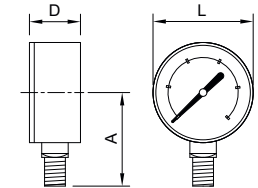
**Pressure gauge Ø 53, bottom connection, NPT thread 1/4"**

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male threaded (NPT). Scale available from 0-2.5-4-6-10-16-25 bar. Bottom connection (radial). Precision class 2.5.

Several scales available

| A  | L  | D  |
|----|----|----|
| 47 | 53 | 27 |

|           |       |       |       |       |   |
|-----------|-------|-------|-------|-------|---|
| 3820N 002 | 0-2,5 | 0-40  | 0.06  | 1-280 | - |
| 3820N 004 | 0-4   | 0-60  | 0.06  | 1-280 | - |
| 3820N 006 | 0-6   | 0-90  | 0.06  | 1-280 | - |
| 3820N 010 | 0-10  | 0-150 | 0.06  | 1-280 | - |
| 3820N 016 | 0-16  | 0-240 | 0.061 | 1-280 | - |
| 3820N 025 | 0-25  | 0-400 | 0.06  | 1-280 | - |



Ref. 3821



**Manómetro Ø 53, salida posterior, rosca BSP 1/4"**

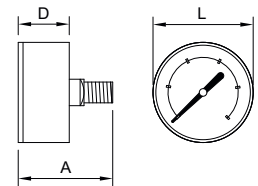
Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25 bar. Salida posterior. Clase de precisión 2,5.

**Pressure gauge Ø 53, back connection, BSP thread 1/4"**

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25 bar. Back connection. Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 48 | 53 | 27 |

|          |       |       |       |       |   |
|----------|-------|-------|-------|-------|---|
| 3821 002 | 0-2,5 | 0-40  | 0.068 | 1-210 | - |
| 3821 004 | 0-4   | 0-60  | 0.07  | 1-210 | - |
| 3821 006 | 0-6   | 0-90  | 0.07  | 1-210 | - |
| 3821 010 | 0-10  | 0-150 | 0.07  | 1-210 | - |
| 3821 016 | 0-16  | 0-240 | 0.07  | 1-210 | - |
| 3821 025 | 0-25  | 0-400 | 0.071 | 1-210 | - |



Ref. 3825



**Manómetro Ø 63, indicador rojo, salida inferior**

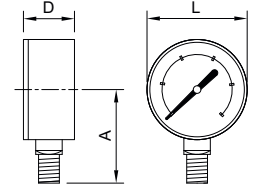
Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25 bar. Salida inferior (radial). Clase de precisión 2,5.

**Pressure gauge Ø 63, red index, bottom connection**

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25 bar. Bottom connection (radial). Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 50 | 63 | 28 |

| CÓDIGO CODE | BAR   | PSI   | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------|-------|-------------|-------------------|------------------|
| 3825 002    | 0-2,5 | 0-40  | 0.11        | 1-180             | -                |
| 3825 004    | 0-4   | 0-60  | 0.11        | 1-180             | -                |
| 3825 006    | 0-6   | 0-90  | 0.11        | 1-180             | -                |
| 3825 010    | 0-10  | 0-150 | 0.11        | 1-180             | -                |
| 3825 016    | 0-16  | 0-240 | 0.11        | 1-180             | -                |
| 3825 025    | 0-25  | 0-400 | 0.11        | 1-180             | -                |



Ref. 3826



**Manómetro Ø 63, indicador rojo, salida posterior 1/4"**

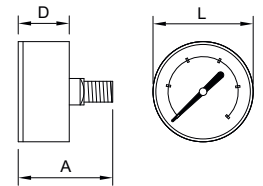
Caja ABS. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25 bar. Salida posterior. Clase de precisión 2,5.

**Pressure gauge Ø 63, red index, back connection 1/4"**

ABS case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25 bar. Back connection (radial). Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 49 | 63 | 29 |

|          |       |       |       |       |   |
|----------|-------|-------|-------|-------|---|
| 3826 002 | 0-2,5 | 0-40  | 0.084 | 1-132 | - |
| 3826 004 | 0-4   | 0-60  | 0.082 | 1-132 | - |
| 3826 006 | 0-6   | 0-90  | 0.082 | 1-132 | - |
| 3826 010 | 0-10  | 0-150 | 0.082 | 1-132 | - |
| 3826 016 | 0-16  | 0-240 | 0.083 | 1-132 | - |
| 3826 025 | 0-25  | 0-400 | 0.082 | 1-132 | - |



Ref. 3822



**Manómetro Ø 63 con glicerina, salida inferior, rosca BSP 1/4"**

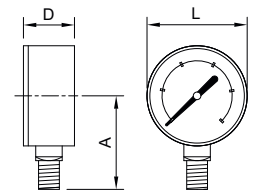
Caja acero inox. AISI 304. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25-60-100 bar. Salida inferior (radial). Clase de precisión 2,5.

**Pressure gauge Ø 63 with glycerine, bottom connection, BSP thread 1/4"**

Stainless steel AISI 304 case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25-60-100 bar. Bottom connection (radial). Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 55 | 63 | 30 |

|          |       |        |       |       |   |
|----------|-------|--------|-------|-------|---|
| 3822 002 | 0-2,5 | 0-40   | 0.175 | 1-160 | - |
| 3822 004 | 0-4   | 0-60   | 0.175 | 1-160 | - |
| 3822 006 | 0-6   | 0-90   | 0.175 | 1-160 | - |
| 3822 010 | 0-10  | 0-150  | 0.176 | 1-160 | - |
| 3822 016 | 0-16  | 0-240  | 0.176 | 1-160 | - |
| 3822 025 | 0-25  | 0-400  | 0.175 | 1-160 | - |
| 3822 060 | 0-60  | 0-900  | 0.176 | 1-160 | - |
| 3822 100 | 0-100 | 0-1500 | 0.175 | 1-160 | - |



Ref. 3822N



**Manómetro Ø 63 con glicerina, salida inferior, rosca NPT 1/4"**

Caja acero inox. AISI 304. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho (NPT). Graduaciones disponibles 0 a 2,5-4-6-10-16-25-60-100 bar. Salida inferior (radial). Clase de precisión 2,5.

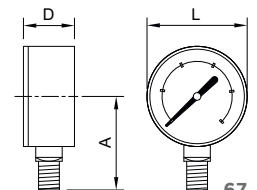
**Pressure gauge Ø 63 with glycerine, bottom connection, NPT thread 1/4"**

Stainless steel AISI 304 case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male threaded (NPT). Scale available from 0-2.5-4-6-10-16-25-60-100 bar. Bottom connection (radial). Precision class 2.5.

Several scales available

| A  | L  | D  |
|----|----|----|
| 55 | 63 | 30 |

|           |       |        |       |       |   |
|-----------|-------|--------|-------|-------|---|
| 3822N 002 | 0-2,5 | 0-40   | 0.18  | 1-160 | - |
| 3822N 004 | 0-4   | 0-60   | 0.18  | 1-160 | - |
| 3822N 006 | 0-6   | 0-90   | 0.18  | 1-160 | - |
| 3822N 010 | 0-10  | 0-150  | 0.181 | 1-160 | - |
| 3822N 016 | 0-16  | 0-240  | 0.181 | 1-160 | - |
| 3822N 025 | 0-25  | 0-400  | 0.181 | 1-160 | - |
| 3822N 060 | 0-60  | 0-900  | 0.179 | 1-160 | - |
| 3822N 100 | 0-100 | 0-1500 | 0.182 | 1-160 | - |



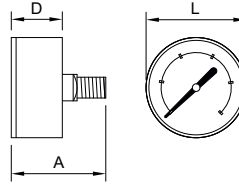
Ref. 3829



**Manómetro Ø 63 con glicerina, salida posterior, rosca BSP**  
Caja acero inox. AISI 304. Tubo bourdon y racor latón UNE-EN 12165. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25-60-100 bar. Salida posterior. Clase de precisión 2,5.

**Pressure gauge Ø 63 with glycerine, back connection, BSP thread**  
Stainless steel AISI 304 case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25-60-100 bar. Back connection. Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 48 | 63 | 27 |



| CÓDIGO CODE | BAR   | PSI    | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------|--------|-------------|-------------------|------------------|
| 3829 002    | 0-2,5 | 0-40   | 0.183       | 1-60              | -                |
| 3829 004    | 0-4   | 0-60   | 0.183       | 6-60              | -                |
| 3829 006    | 0-6   | 0-90   | 0.184       | 1-60              | -                |
| 3829 010    | 0-10  | 0-150  | 0.183       | 1-60              | -                |
| 3829 016    | 0-16  | 0-240  | 0.184       | 1-60              | -                |
| 3829 025    | 0-25  | 0-400  | 0.183       | 1-60              | -                |
| 3829 060    | 0-60  | 0-900  | 0.185       | 1-60              | -                |
| 3829 100    | 0-100 | 0-1500 | 0.184       | 6-60              | -                |

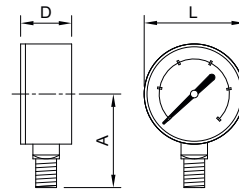
Ref. 3814



**Manómetro Ø 63 con glicerina, salida inferior, rosca BSP 1/4"**  
Caja acero inox AISI 304. Tubo bourdon y racor en acero inox. AISI 304. Rosca 1/4" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25-40- 60-100 bar. Salida inferior (radial). Clase de precisión 2,5.

**Pressure gauge Ø 63 with glycerine, bottom connection, BSP thread 1/4"**  
Stainless steel AISI 304 case - bourdon pipe and connector. 1/4" male gas threaded (BSP). Scale available from 0-2.5-4 -6-10-16-25-40-60-100 bar. Bottom connection (radial). Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 56 | 63 | 30 |



|          |       |        |       |        |   |
|----------|-------|--------|-------|--------|---|
| 3814 002 | 0-2,5 | 0-40   | 0.206 | 1-160  | - |
| 3814 004 | 0-4   | 0-60   | 0.206 | 1-160  | - |
| 3814 006 | 0-6   | 0-90   | 0.207 | 1-160  | - |
| 3814 010 | 0-10  | 0-150  | 0.207 | 1-160  | - |
| 3814 016 | 0-16  | 0-240  | 0.207 | 1-160  | - |
| 3814 025 | 0-25  | 0-400  | 0.207 | 1-160  | - |
| 3814 040 | 0-40  | 0-600  | 0.177 | 1-160  | - |
| 3814 060 | 0-60  | 0-900  | 0.179 | 12-160 | - |
| 3814 100 | 0-100 | 0-1500 | 0.206 | 1-160  | - |

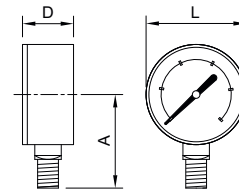
Ref. 3714



**Manómetro Ø 63 mm, salida inferior, rosca NPT 1/4"** Caja acero al carbono. Tubo bourdon y racor latón UNE-EN 12165. Rosca macho 1/4" NPT. Salida inferior (radial). Clase de precisión 2,5. Escala de medición Kgf/cm2, psi.

**Pressure gauge Ø 63 mm, bottom connection, NPT thread 1/4"** Carbon steel case. Brass bourdon pipe and connector UNE-EN 12165. 1/4" male NPT threaded. Bottom connection (radial). Precision class 2.5. Kgf/cm2, psi scale.

| A  | L  | D  |
|----|----|----|
| 51 | 63 | 30 |



|          |      |       |       |       |   |
|----------|------|-------|-------|-------|---|
| 3714 004 | 0-4  | 0-60  | 0.11  | 1-200 | - |
| 3714 007 | 0-7  | 0-100 | 0.11  | 1-200 | - |
| 3714 010 | 0-10 | 0-150 | 0.11  | 1-200 | - |
| 3714 014 | 0-14 | 0-200 | 0.111 | 1-200 | - |
| 3714 017 | 0-17 | 0-250 | 0.111 | 1-200 | - |
| 3714 021 | 0-21 | 0-300 | 0.111 | 1-200 | - |
| 3714 028 | 0-28 | 0-400 | 0.11  | 1-200 | - |

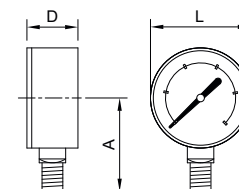
Ref. 3827



**Manómetro Ø 80 mm, indicador rojo, salida inferior, rosca BSP 3/8"**  
Caja ABS, índice rojo, doble escala. Tubo Bourdon y racor en latón UNE-EN 12165. Rosca 3/8" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25-40 bar. Salida inferior. Clase de precisión 2,5.

**Pressure gauge Ø 80 mm, red index, bottom connection, BSP thread 3/8"**  
ABS Case, red index, double scale. Burdon pipe and connector 3/8" male gas threaded (BSP). Scale available from 0-2.5-4-6-10-16-25-40 bar. Bottom connection (radial). Precision class 2.5.

| A  | L  | D  |
|----|----|----|
| 70 | 80 | 32 |



|          |       |       |       |       |   |
|----------|-------|-------|-------|-------|---|
| 3827 002 | 0-2,5 | 0-40  | 0.13  | 1-100 | - |
| 3827 004 | 0-4   | 0-60  | 0.133 | 1-100 | - |
| 3827 006 | 0-6   | 0-90  | 0.133 | 1-100 | - |
| 3827 010 | 0-10  | 0-150 | 0.137 | 1-100 | - |
| 3827 016 | 0-16  | 0-240 | 0.137 | 1-100 | - |
| 3827 025 | 0-25  | 0-400 | 0.135 | 1-100 | - |
| 3827 040 | 0-40  | 0-600 | 0.139 | 1-100 | - |



Ref. 3824



**Manómetro Ø 100 con glicerina, salida inferior, rosca BSP 1/2"**

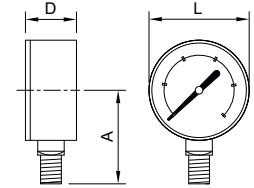
Caja acero inox AISI 304, tubo bourdon y racor en acero inox. AISI 304. Rosca 1/2" macho gas (BSP). Graduaciones disponibles 0 a 2,5-4-6-10-16-25-40-60-100 bar. Salida inferior (radial). Clase de precisión 1,6.

**Pressure gauge Ø 100 with glycerine, bottom connection, BSP thread 1/2"**

Stainless steel AISI 304 case, bourdon pipe and connector. 1/2" male gas threaded (BSP). Scale available from 0-2,5-4-6-10-16-25-40-60-100 bar. Bottom connection (radial). Precision class 1.6.

| A  | L   | D  |
|----|-----|----|
| 85 | 100 | 36 |

| CÓDIGO CODE | BAR   | PSI    | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------|--------|-------------|-------------------|------------------|
| 3824 002    | 0-2,5 | 0-40   | 0.552       | 1-44              | -                |
| 3824 004    | 0-4   | 0-60   | 0.551       | 1-44              | -                |
| 3824 006    | 0-6   | 0-90   | 0.552       | 1-44              | -                |
| 3824 010    | 0-10  | 0-150  | 0.552       | 1-44              | -                |
| 3824 016    | 0-16  | 0-240  | 0.552       | 1-44              | -                |
| 3824 025    | 0-25  | 0-400  | 0.554       | 1-44              | -                |
| 3824 040    | 0-40  | 0-600  | 0.551       | 1-44              | -                |
| 3824 060    | 0-60  | 0-900  | 0.556       | 1-44              | -                |
| 3824 100    | 0-100 | 0-1500 | 0.545       | 1-44              | -                |



Ref. 3824N



**Manómetro Ø 100 con glicerina, salida inferior, rosca NPT 1/2"**

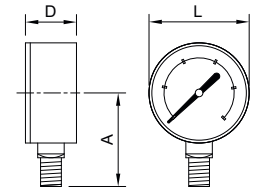
Caja acero inox AISI 304, tubo Bourdon y racor en acero inox. AISI 304. Rosca 1/2" macho (NPT). Graduaciones disponibles 0 a 4-6-10-16-25-40 bar. Salida inferior (radial). Clase de precisión 1,6.

**Pressure gauge Ø 100 with glycerine, bottom connection, NPT thread 1/2"**

Stainless steel AISI 304 case, Bourdon pipe and connector. 1/2" male threaded (NPT). Scale available from 0-4-6-10-16-25-40-60-100 bar. Bottom connection (radial). Precision class 1.6.

| A  | L   | D  |
|----|-----|----|
| 85 | 100 | 36 |

| CÓDIGO CODE | BAR  | PSI   | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|------|-------|-------------|-------------------|------------------|
| 3824N 004   | 0-4  | 0-60  | 0.552       | 1-44              | -                |
| 3824N 006   | 0-6  | 0-90  | 0.554       | 1-44              | -                |
| 3824N 010   | 0-10 | 0-150 | 0.535       | 1-44              | -                |
| 3824N 016   | 0-16 | 0-240 | 0.541       | 1-44              | -                |
| 3824N 025   | 0-25 | 0-400 | 0.547       | 1-44              | -                |
| 3824N 040   | 0-40 | 0-600 | 0.547       | 1-44              | -                |



Ref. 8020



**Válvula porta manómetro**

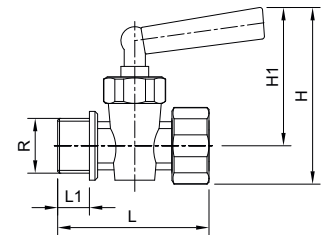
PN10. Construcción en latón UNE-EN 12165. Conexión roscada M-H según ISO 228/1. Con orificio de purga. Mando manual de latón con funda termoplástica.

**Gauge valve**

PN10. Brass construction UNE-EN 12165. Threaded ends ISO 228/1 M-F. With purge orifice. Brass lever manual control with thermoplastic sleeve.

| R    | L    | L1 | H    | H1   |
|------|------|----|------|------|
| 1/4" | 51   | 10 | 64   | 50   |
| 1/2" | 56,6 | 12 | 68,5 | 54,7 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 8020 02     | 1/4"        | 0.16        | 15-75             | -                |
| 8020 04     | 1/2"        | 0.175       | 15-75             | -                |



Ref. 8021



**Válvula porta manómetro con pletina de control**

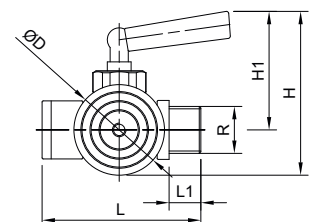
PN10. Construcción en latón UNE-EN 12165. Conexión roscada M-H según ISO 228/1. Con orificio de purga. Con pletina de control para verificación del manómetro. Mando manual de latón con funda termoplástica.

**Gauge valve with test flange**

PN10. Brass construction UNE-EN 12165. Threaded ends ISO 228/1 M-F. With purge orifice. With test flange for pressure gauge control. Brass lever manual control with thermoplastic sleeve.

| R    | L  | L1 | H  | H1   | D  |
|------|----|----|----|------|----|
| 1/4" | 59 | 10 | 64 | 50   | 40 |
| 1/2" | 69 | 14 | 72 | 54,7 | 40 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 8021 02     | 1/4"        | 0.21        | 10-60             | -                |
| 8021 04     | 1/2"        | 0.25        | 1                 | -                |



Ref. 8028



**Separador térmico tipo lira**

PN25. Construcción en cobre UNE-EN 1057 y extremos de latón UNE-EN 12165. Conexión roscada M-H según ISO 228/1

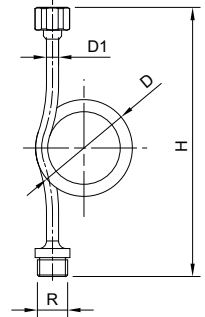
**Thermal divider lyre type**

PN25. Copper tube UNE-EN 1057 and brass connections UNE-EN 12165. Threaded ends ISO 228/1 M-F

| R    | D1 | D  | H   |
|------|----|----|-----|
| 1/4" | 8  | 64 | 178 |
| 1/2" | 8  | 64 | 178 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |      |      |        |   |
|---------|------|------|--------|---|
| 8028 02 | 1/4" | 0.08 | 20-120 | - |
| 8028 04 | 1/2" | 0.12 | 15-75  | - |



Ref. 8029



**Separador térmico tipo lira**

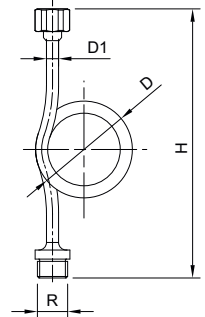
Material acero inoxidable. Empalme macho-hembra. 1/2"G.

**Thermal divider lyre type**

Material: stainless steel. Connection male-female 1/2"G.

| R    | D1 | D  | H   |
|------|----|----|-----|
| 1/2" | 10 | 70 | 204 |

|         |   |       |      |   |
|---------|---|-------|------|---|
| 8029 04 | - | 0.305 | 1-25 | - |
|---------|---|-------|------|---|



Ref. 3950 - 3952 - 3955



**3950 - Cinta "PTFE"**

12 m de longitud 0,075 mm de espesor, 12 mm de ancho 0,35 de densidad.

**3950 - "PTFE" tape**

12 m length 0.075 mm thickness, 12 mm width 0.35 g/cm density.

**3952 - Cinta "PTFE"**

12 m de longitud 0,060 mm de espesor 12 mm de ancho 0,26 g/cm de densidad.

**3952 - "PTFE" tape**

12 m length 0.060 mm thickness, 12 mm width 0.26 g/cm density.

**3955 - Cinta "PTFE"**

50 m de longitud 0,1 mm de espesor, 19 mm de ancho 0,54 g/cm de densidad.

**3955 - "PTFE" tape**

50 m length 0.1 mm thickness, 19 mm width 0.54 g/cm density.

|         |            |       |          |   |
|---------|------------|-------|----------|---|
| 3950 00 | 0,075 x 12 | 0.012 | 100-1000 | - |
|---------|------------|-------|----------|---|

\*Cantidad mínima de venta a consultar /  
Minimun sales quantity on request.

|         |            |       |          |   |
|---------|------------|-------|----------|---|
| 3952 00 | 0,060 x 12 | 0.007 | 100-1000 | - |
|---------|------------|-------|----------|---|

\*Cantidad mínima de venta a consultar /  
Minimun sales quantity on request.

|         |          |       |        |   |
|---------|----------|-------|--------|---|
| 3955 00 | 0,1 x 19 | 0.073 | 25-200 | - |
|---------|----------|-------|--------|---|

\*Cantidad mínima de venta a consultar /  
Minimun sales quantity on request.

Ref. 3956



**PTFE líquido 50 ml**

Adhesivo anaeróbico para sellar conexiones roscadas metálicas. Resistente a golpes y vibraciones. Temperaturas desde -55°C a +150°C. Fácil desmontaje de piezas selladas.

**Liquid "PTFE" 50 ml**

Anaerobic adhesive for sealing metal thread pipe joints. Shocks and vibrations resistant. Temperatures from -55°C to +150°C. Easy dismantling of sealed joints.

|         |       |       |       |   |
|---------|-------|-------|-------|---|
| 3956 00 | 50 ml | 0.069 | 10-50 | - |
|---------|-------|-------|-------|---|

\*Cantidad mínima de venta a consultar /  
Minimun sales quantity on request.

## Válvulas antifraude

### Anti fraud valves

#### Servicios de agua

El sistema GE-Block patentado por Genebre, diseñado para nuestra gama de válvulas antifraude, permite mediante una llave especial, bloquear la válvula en posición de abrir/cerrar, cierre y 10% del caudal nominal.

Dirigido a empresas proveedoras de las compañías de distribución de agua de cada país.

#### Waterworks

GE-Block system patented by Genebre, designed for our anti-fraud valves let by means and special key, block the valve in open/close, close and 10% open positions.

This valve system is intended for valve and pipe suppliers for water supply companies from every country.



#### Funcionamiento válvulas waterworks - Sistema antifraude

##### Function waterworks valve - Antifraud system

Las válvulas waterworks trabajan en 4 posibles posiciones:

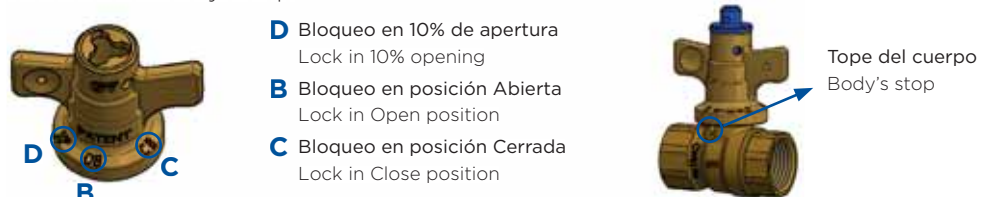
The waterworks valve work in 4 possible positions:



Estas 4 posibles posiciones se consiguen girando el accionamiento a un punto determinado mediante una llave especial.

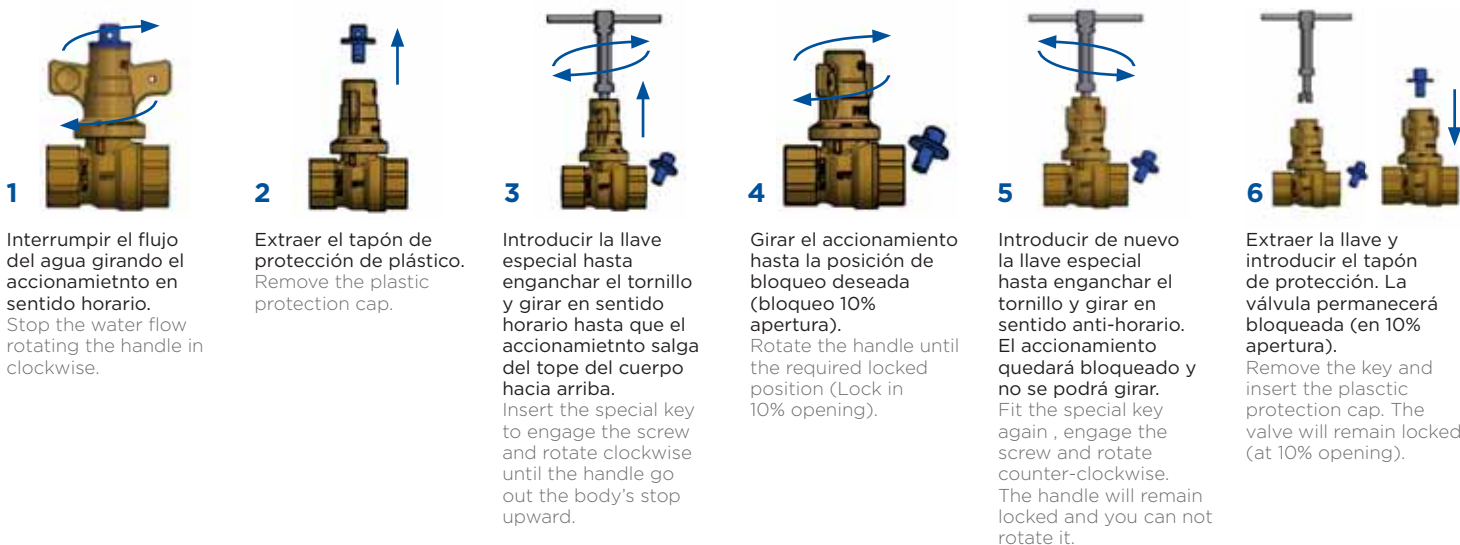
Se debe hacer coincidir la marca del accionamiento con el tope del cuerpo.

These four possible positions are achieved by rotating the handle to a determinate point by a special key. It must match the handle's mark with the body's stop.



Procedimiento de cambio de posición y bloqueo (Ejemplo de función normal Abrir / Cerrar manualmente a Bloqueo en 10% apertura):

Procedure for changing the position and blocking (Example from Normal function Open / Close manually to Lock in 10% opening):





# Sistema antifraude

## Antifraud system

Funcionamiento válvulas waterworks maneta aluminio

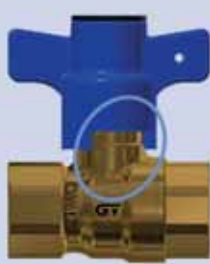
### Function waterworks valve aluminum handle

Las válvulas waterworks con maneta de aluminio trabajan 3 posibles posiciones:  
The waterworks valve with aluminum handle work in 3 possible positions:

**A. Función normal**  
Abrir / Cerrar manualmente  
Normal function  
Open / Close manually

**B. Bloqueo en posición abierta**  
Lock in open position

**C. Bloqueo en posición cerrada**  
Lock in close position



Estas 3 posibles posiciones se consiguen girando el accionamiento a un punto determinado mediante una llave especial. Se debe hacer coincidir la marca del accionamiento con el tope del cuerpo.

These 3 possible positions are achieved by rotating the handle to a determinate point by a special key. It must much the handle's mark with the body's stop.

#### WATERWORKS

Ref. **3430A**



#### Válvula antifraude recta H-H con maneta de aluminio

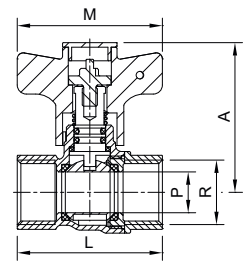
PN25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual de aluminio con 3 posiciones mediante llave antifraude, abrir-cerrar, bloqueo abierto y bloqueo cerrado.

#### Anti-fraud straight valve F-F with aluminum handle

PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. Aluminum manual control 3 positions with anti-fraud key, open-close, lock opened and lock closed.

| R    | Ø P  | L  | A    | M  |
|------|------|----|------|----|
| 1/2" | 13,5 | 48 | 49,5 | 48 |
| 3/4" | 18   | 55 | 52   | 48 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3430A 04    | 1/2"        | 0.133       | 1                 | -                |
| 3430A 05    | 3/4"        | 0.192       | 1                 | -                |



Ref. **3430 - 3430N**



#### Válvula antifraude recta H-H

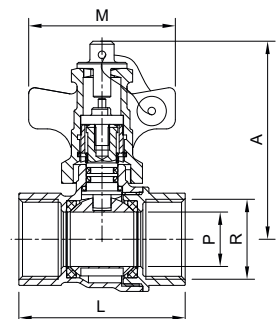
También disponible con rosca NPT (3430N). PN 25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual mediante llave antifraude.

#### Anti-fraud straight valve F-F

Also available NPT thread (3430N) PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. Manual control with anti-fraud key.

| R        | Ø P  | L  | A    | M    |
|----------|------|----|------|------|
| G 1/2"   | 13,5 | 48 | 63   | 48,5 |
| G 3/4"   | 18   | 55 | 65,5 | 48,5 |
| NPT 1/2" | 13,5 | 48 | 63   | 48,5 |
| NPT 3/4" | 18   | 55 | 65,5 | 48,5 |

|          |      |       |       |   |
|----------|------|-------|-------|---|
| 3430 04  | 1/2" | 0.175 | 5-120 | - |
| 3430 05  | 3/4" | 0.231 | 5-90  | - |
| 3430N 04 | 1/2" | 0.181 | 5-125 | - |
| 3430N 05 | 3/4" | 0.238 | 5-90  | - |



## WATERWORKS

Ref. 3434



### Válvula antifraude recta M-H

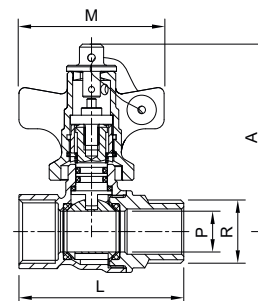
PN 25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual mediante llave antifraude.

### Anti-fraud straight valve M-F

PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F - ISO 228/1. Max. Temp. 110°C. Manual control with anti-fraud key.

| R      | Ø P  | L    | A    | M    |
|--------|------|------|------|------|
| G 1/2" | 13,5 | 54,5 | 63   | 48,5 |
| G 3/4" | 18   | 62,5 | 65,5 | 48,5 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3434 04     | 1/2"        | 0.184       | 5-120             | -                |
| 3434 05     | 3/4"        | 0.275       | 5-90              | -                |



Ref. 3446



### Válvula antifraude recta M-tuerca loca

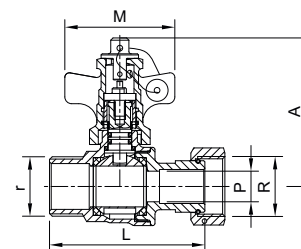
PN 25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) M-tuerca loca - ISO 228/1. Temp. máx. 110°C. Mando manual mediante llave antifraude.

### Anti-fraud straight valve M-free nut

PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-free nut - ISO 228/1. Max. Temp. 110°C. Manual control with anti-fraud key.

| r      | R      | Ø P  | L    | A    | M    |
|--------|--------|------|------|------|------|
| G 1/2" | G 3/4" | 13,5 | 62,5 | 63   | 48,5 |
| G 3/4" | G 3/4" | 18   | 68,5 | 65,5 | 48,5 |

|            |             |       |        |   |
|------------|-------------|-------|--------|---|
| 3446 04 05 | 1/2" x 3/4" | 0.255 | 10-120 | - |
| 3446 05 05 | 3/4" x 3/4" | 0.294 | 8-96   | - |



Ref. 3450



### Válvula antifraude angular H-H

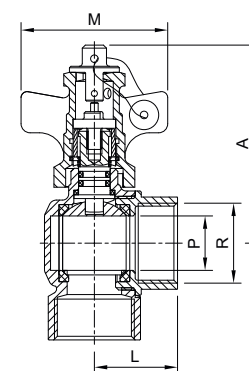
PN 25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) H-H - ISO 228/1. Temp. máx. 110°C. Mando manual mediante llave antifraude.

### Anti-fraud angle valve F-F

PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-F - ISO 228/1. Max. Temp. 110°C. Command with anti-fraud key.

| R      | Ø P  | L    | A    | M    |
|--------|------|------|------|------|
| G 3/4" | 17,5 | 27,5 | 65,5 | 48,5 |

|         |      |      |      |   |
|---------|------|------|------|---|
| 3450 05 | 3/4" | 0.27 | 8-64 | - |
|---------|------|------|------|---|



WATERWORKS

Ref. 3454



**Válvula antifraude angular H-tuerca loca**

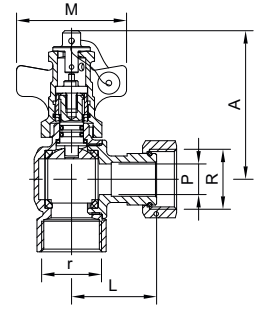
PN 25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) H-tuerca loca - ISO 228/1. Temp. máx. 110°C. Mando manual mediante llave antifraude.

**Anti-fraud angle valve F-free nut**

PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) F-free nut - ISO 228/1. Max. Temp. 110°C. Manual control with anti-fraud key.

| r      | R      | Ø P  | L    | A    | M    |
|--------|--------|------|------|------|------|
| G 1/2" | G 3/4" | 13   | 35,5 | 63   | 48,5 |
| G 3/4" | G 3/4" | 17,5 | 37,5 | 65,5 | 48,5 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3454 04 05  | 1/2" x 3/4" | 0.26        | 8-96              | -                |
| 3454 05 05  | 3/4" x 3/4" | 0.33        | 8-96              | -                |



Ref. 3462



**Válvula antifraude angular M-tuerca loca**

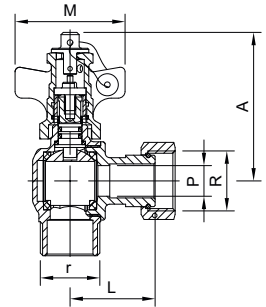
PN 25. Paso estándar. Construcción en latón UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) M-tuerca loca - ISO 228/1. Temp. máx. 110°C. Mando manual mediante llave antifraude.

**Anti-fraud angle valve M-free nut**

PN 25. Standard bore. Brass construction UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-free nut - ISO 228/1. Max. Temp. 110°C. Command with anti-fraud key.

| r      | R      | Ø P  | L    | A    | M    |
|--------|--------|------|------|------|------|
| G 1/2" | G 3/4" | 13   | 35,5 | 63   | 48,5 |
| G 3/4" | G 3/4" | 17,5 | 37,5 | 65,5 | 48,5 |

|            |             |      |      |   |
|------------|-------------|------|------|---|
| 3462 04 05 | 1/2" x 3/4" | 0.26 | 8-96 | - |
| 3462 05 05 | 3/4" x 3/4" | 0.33 | 8-96 | - |



Ref. 3499



**Llave accionamiento antifraude**

Llave accionamiento antifraude

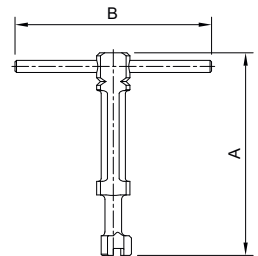
**Anti-fraud manual control key**

Anti-fraud manual control key

| Ref.    | A  | B  |
|---------|----|----|
| 3499 00 | 67 | 65 |

|         |   |      |   |   |
|---------|---|------|---|---|
| 3499 00 | - | 0.03 | 1 | - |
|---------|---|------|---|---|

Precios a consultar / Prices on request







BE WATER. BE GENEBRE



WATER CARE VISIONEERS



02

# CLIMATIZACIÓN CLIMATE CONTROL

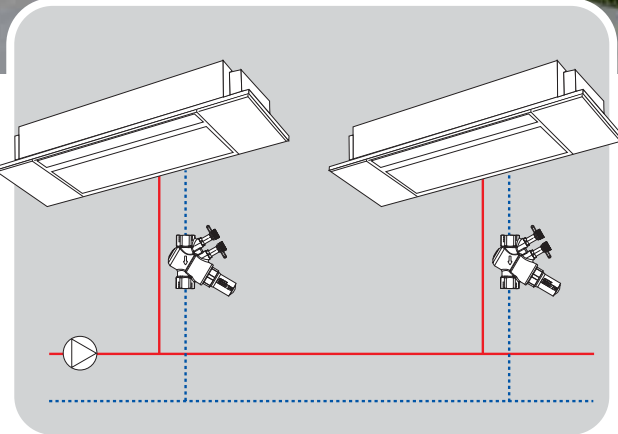
**Válvulas de calefacción, de seguridad, motorizadas, colectores, termostatos, válvulas para energía solar y bombas de condensación.**

Heating valves, safety valves, motorized zone valves, manifolds, thermostats, solar energy valves and condensate pumps.



# Sistema de climatización

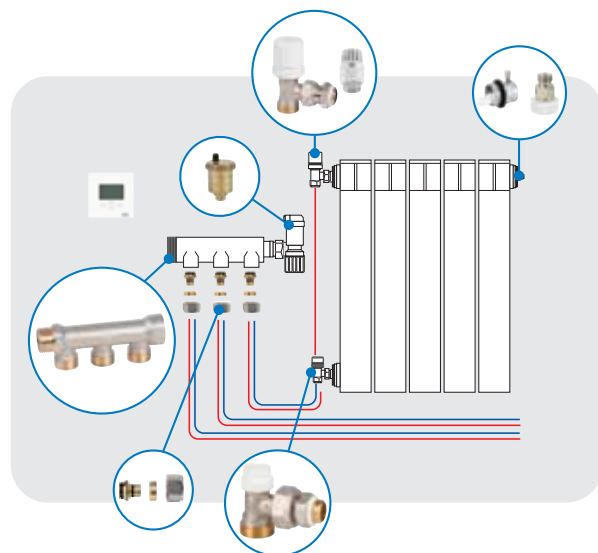
Climate systems



Fan Coil



Suelo radiante / Underfloor heating



**Válvulas de calefacción / Heating valves**

## ¿Qué es GE-System?

**What is GE-System?**

**Fácil de instalar / Easy to install**

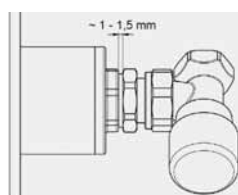
**Sin necesidad de teflón / No need for Teflon**

**Permite el reapriete / Allows re-tightening**



Nuestro innovador sistema GE-System incorpora un anillo PTFE (teflón), que facilita el apriete para una rápida y segura instalación, evitando fugas.

*Our innovative GE-System incorporates a PTFE (Teflon) ring, which facilitates tightening for a quick and safe installation, avoiding leaks.*

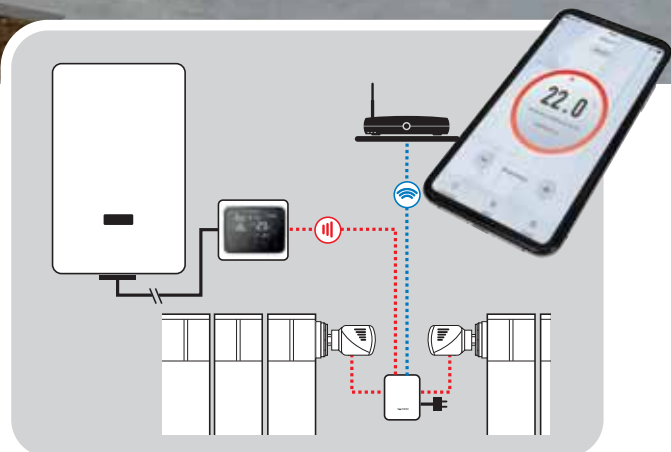


Se considera un apriete correcto cuando la separación entre la contratuerca y el tapón del radiador es aproximadamente 1 mm.

*Correct tightening is considered when the clearance between the locknut and the radiator cap is approximately 1 mm.*

## Símbolo identificativo de nuestras válvulas Genebre.

*Identification symbol of our Genebre valves*



**GE-Smart Wifi**

VÁLVULAS PARA TUBO DE HIERRO / VALVES FOR STEEL PIPE

Ref. 70151



**Válvula manual escuadra para tubo de hierro**

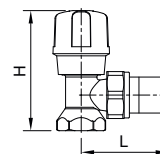
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

**Manual angle radiator valve for steel pipe**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 69 | 50 |
| 1/2"      | 69 | 51 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 70151 03 40 | 3/8"        | 0.158       | 10-140            | -                |
| 70151 04 40 | 1/2"        | 0.164       | 10-140            | -                |



Ref. 70152



**Válvula manual recta para tubo de hierro**

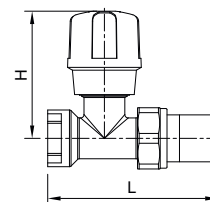
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

**Manual straight radiator valve for steel pipe**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 73 | 56 |
| 1/2"      | 76 | 56 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70152 03 40 | 3/8" | 0.167 | 10-140 | - |
| 70152 04 40 | 1/2" | 0.179 | 10-140 | - |



Ref. 70153



**Detentor escuadra para tubo de hierro**

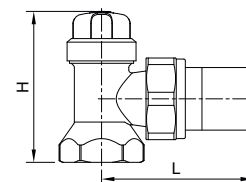
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

**Angle adjusting lock shield valve for steel pipe**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 50 | 48 |
| 1/2"      | 50 | 51 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70153 03 40 | 3/8" | 0.13  | 10-140 | - |
| 70153 04 40 | 1/2" | 0.133 | 10-140 | - |



Ref. 70154



**Detentor recto para tubo de hierro**

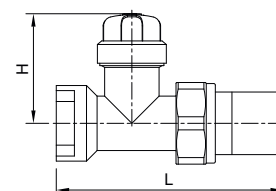
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

**Straight adjusting lock shield valve for steel pipe**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 73 | 29 |
| 1/2"      | 76 | 29 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70154 03 40 | 3/8" | 0.143 | 10-140 | - |
| 70154 04 40 | 1/2" | 0.148 | 10-140 | - |





## VÁLVULAS PARA TUBO DE HIERRO CON GE SYSTEM / VALVES FOR STEEL PIPE WITH GE SYSTEM

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 70151



### Válvula manual escuadra para tubo de hierro con GE System

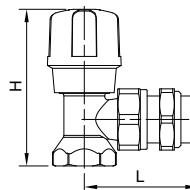
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

### Manual angle radiator valve for steel pipe with GE System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 69 | 50 |
| 1/2"      | 69 | 51 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70151 03 00 | 3/8" | 0.172 | 10-140 | - |
| 70151 04 00 | 1/2" | 0.179 | 10-140 | - |



Ref. 70152



### Válvula manual recta para tubo de hierro con GE System

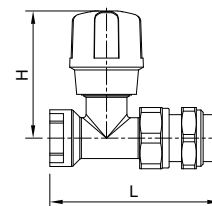
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

### Manual straight radiator valve for steel pipe with GE System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 73 | 56 |
| 1/2"      | 76 | 56 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70152 03 00 | 3/8" | 0.186 | 10-140 | - |
| 70152 04 00 | 1/2" | 0.194 | 10-140 | - |



Ref. 70153



### Detentor escuadra para tubo de hierro con GE System

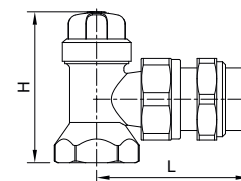
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

### Angle adjusting lock shield valve for steel pipe with GE System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 50 | 48 |
| 1/2"      | 50 | 51 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70153 03 00 | 3/8" | 0.144 | 10-140 | - |
| 70153 04 00 | 1/2" | 0.15  | 10-140 | - |



Ref. 70154



### Detentor recto para tubo de hierro con GE System

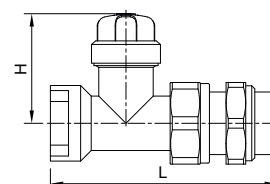
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

### Straight adjusting lock shield valve for steel pipe with GE System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 73 | 29 |
| 1/2"      | 76 | 29 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70154 03 00 | 3/8" | 0.157 | 10-140 | - |
| 70154 04 00 | 1/2" | 0.163 | 10-140 | - |





VÁLVULAS TERMOSTIZABLES PARA TUBO DE HIERRO CON GE SYSTEM /  
THERMOSTATIC VALVES FOR STEEL WITH GE SYSTEM

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 70031



**Válvula termostaticable escuadra para tubo de hierro con GE System**

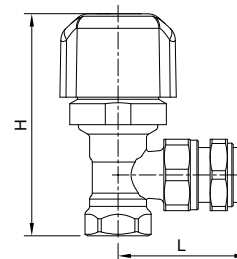
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS intercambiable a cabezales termostaticos con rosca M30x1,5. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

**Angle radiator valve with thermostatic option, for steel pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel exchangeable to electrothermal actuator with M30x1,5 thread. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 84 | 49 |
| 1/2"      | 84 | 52 |

|             |      |       |       |   |
|-------------|------|-------|-------|---|
| 70031 03 00 | 3/8" | 0.235 | 10-80 | - |
| 70031 04 00 | 1/2" | 0.238 | 10-80 | - |



Ref. 70032



**Válvula termostaticable recta para tubo de hierro con GE System**

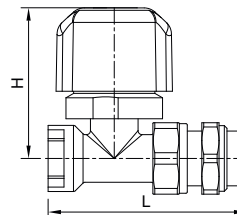
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS intercambiable a cabezales termostaticos con rosca M30x1,5. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

**Straight radiator valve with thermostatic option, for steel pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel exchangeable to electrothermal actuator with M30x1,5 thread. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 49 | 84 |
| 1/2"      | 52 | 84 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70032 03 00 | 3/8" | 0.25  | 1-80   | - |
| 70032 04 00 | 1/2" | 0.226 | 10-500 | - |



Ref. 70153



**Detentor escuadra para tubo de hierro con GE System**

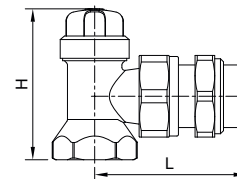
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

**Angle adjusting lock shield valve for steel pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 50 | 48 |
| 1/2"      | 50 | 51 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70153 03 00 | 3/8" | 0.144 | 10-140 | - |
| 70153 04 00 | 1/2" | 0.15  | 10-140 | - |



Ref. 70154



**Detentor recto para tubo de hierro con GE System**

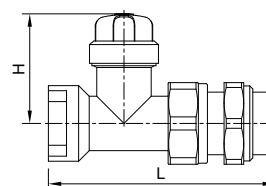
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca hembra ISO 228/1. Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

**Straight adjusting lock shield valve for steel pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through female thread ISO 228/1. Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 73 | 29 |
| 1/2"      | 76 | 29 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70154 03 00 | 3/8" | 0.157 | 10-140 | - |
| 70154 04 00 | 1/2" | 0.163 | 10-140 | - |



## VÁLVULAS PARA TUBO DE COBRE, PEX O MULTICAPA / VALVES FOR COPPER, POLYETHYLENE OR MULTILAYER PIPE

Ref. 70587



### Válvula manual escuadra para tubo de cobre, PEX o multicapa

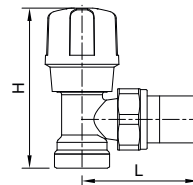
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

### Manual angle radiator valve for copper, polyethylene or multilayer pipe

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 70 | 49 |
| 1/2"      | 70 | 52 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 70587 03 40 | 3/8"        | 0.153       | 10-140            | -                |
| 70587 04 40 | 1/2"        | 0.169       | 10-140            | -                |



Ref. 70588



### Válvula manual recta para tubo de cobre, PEX y multicapa

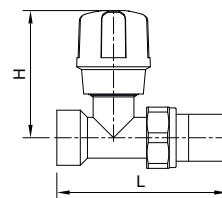
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

### Manual straight radiator valve for copper, polyethylene and multilayer pipe

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 74 | 56 |
| 1/2"      | 77 | 56 |

|             |      |     |      |   |
|-------------|------|-----|------|---|
| 70588 03 40 | 3/8" | 0.2 | 10-1 | - |
| 70588 04 40 | 1/2" | 0.4 | 10-1 | - |



Ref. 70564



### Detentor escuadra para tubo cobre, PEX y multicapa

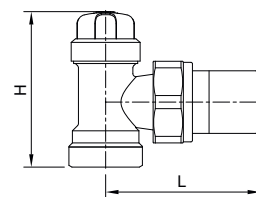
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

### Angle lock shield valve for copper, PEX and multilayer pipe

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 50 | 50 |
| 1/2"      | 52 | 50 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70564 03 40 | 3/8" | 0.126 | 10-140 | - |
| 70564 04 40 | 1/2" | 0.138 | 10-140 | - |



Ref. 70565



### Detentor recto para tubo cobre, PEX y multicapa

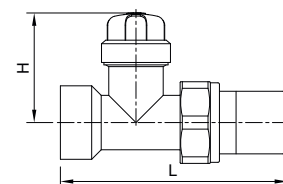
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

### Straight lock shield valve for copper, PEX and multilayer pipe

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 74 | 29 |
| 1/2"      | 74 | 29 |

|             |      |     |        |   |
|-------------|------|-----|--------|---|
| 70565 03 40 | 3/8" | 0.2 | 1-1    | - |
| 70565 04 40 | 1/2" | 0.5 | 10-100 | - |



VÁLVULAS PARA TUBO DE COBRE, PEX O MULTICAPA CON GE SYSTEM / VALVES FOR COPPER, POLYETHYLENE OR MULTILAYER PIPE WITH GE SYSTEM

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 70587



**Válvula manual escuadra para tubo de cobre, PEX y multicapa con GE System**

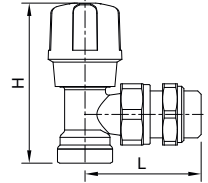
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

**Manual angle radiator valve for copper, polyethylene and multilayer pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 70 | 49 |
| 1/2"      | 70 | 52 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70587 03 00 | 3/8" | 0.166 | 10-140 | - |
| 70587 04 00 | 1/2" | 0.183 | 10-140 | - |



Ref. 70588



**Válvula manual recta para tubo de cobre, PEX y multicapa con GE System**

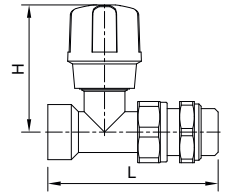
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

**Manual straight radiator valve for copper, polyethylene and multilayer pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 74 | 56 |
| 1/2"      | 77 | 56 |

|             |      |     |        |   |
|-------------|------|-----|--------|---|
| 70588 03 00 | 3/8" | 0.2 | 10-1   | - |
| 70588 04 00 | 1/2" | 0.2 | 10-100 | - |



Ref. 70564



**Detentor escuadra para tubo cobre, PEX y multicapa con GE System**

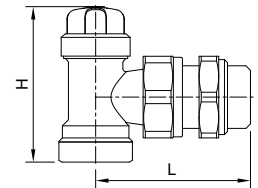
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca macho W24,4x19h". Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

**Angle lock shield valve for copper, PEX and multilayer pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 50 | 50 |
| 1/2"      | 52 | 50 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70564 03 00 | 3/8" | 0.136 | 10-140 | - |
| 70564 04 00 | 1/2" | 0.153 | 10-140 | - |



Ref. 70565



**Detentor recto para tubo cobre, PEX y multicapa con GE System**

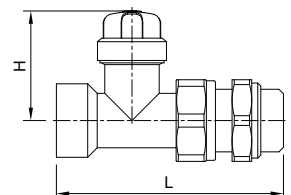
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

**Straight lock shield valve for copper, PEX and multilayer pipe with GE System**

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 74 | 29 |
| 1/2"      | 74 | 29 |

|             |      |      |        |   |
|-------------|------|------|--------|---|
| 70565 03 00 | 3/8" | 0.17 | 10-10  | - |
| 70565 04 00 | 1/2" | 0.18 | 10-100 | - |





## VÁLVULAS TERMOSTATIZABLES PARA TUBO DE COBRE, PEX O MULTICAPA CON GE SYSTEM / THERMOSTATIC VALVES FOR COPPER, POLYETHYLENE OR MULTILAYER PIPE WITH GE SYSTEM

Ref. **70048**



### Valvula termostaticizable escuadra para tubo de cobre, PEX y Multicapa con GE-System

PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS intercambiable a cabezales termostaticos con rosca M30x1,5. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

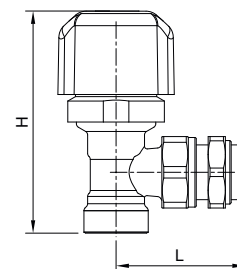
### Angle radiator valve with thermostatic option, for copper, PEX and Multilayer pipe with GE-System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel exchangeable to electrothermal actuator with M30x1,5 thread. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | H  | L  |
|-----------|----|----|
| 3/8"      | 84 | 49 |
| 1/2"      | 84 | 52 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 70048 03 00 | 3/8"        | 0.221       | 10-80             | -                |
| 70048 04 00 | 1/2"        | 0.237       | 10-80             | -                |

|             |      |       |       |   |
|-------------|------|-------|-------|---|
| 70048 03 00 | 3/8" | 0.221 | 10-80 | - |
| 70048 04 00 | 1/2" | 0.237 | 10-80 | - |



Ref. **70049**



### Valvula termostaticizable recta para tubo de cobre, PEX y Multicapa con GE-System

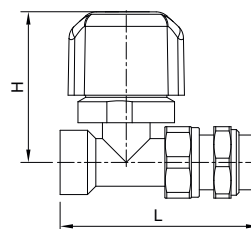
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Volante de ABS intercambiable a cabezales termostaticos con rosca M30x1,5. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1. Temp. max. 110°C

### Straight radiator valve with thermostatic option, for copper, PEX and Multilayer pipe with GE-System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS steering wheel exchangeable to electrothermal actuator with M30x1,5 thread. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 49 | 84 |
| 1/2"      | 52 | 84 |

|             |      |      |       |   |
|-------------|------|------|-------|---|
| 70049 03 00 | 3/8" | 0.01 | 10-80 | - |
| 70049 04 00 | 1/2" | 0.26 | 10-80 | - |



Ref. **70564**



### Detentor escuadra para tubo cobre, PEX y multicapa con GE System

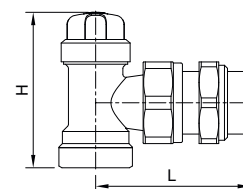
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca macho W24,4x19h". Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

### Angle lock shield valve for copper, PEX and multilayer pipe with GE System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 50 | 50 |
| 1/2"      | 52 | 50 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70564 03 00 | 3/8" | 0.136 | 10-140 | - |
| 70564 04 00 | 1/2" | 0.153 | 10-140 | - |



Ref. **70565**



### Detentor recto para tubo cobre, PEX y multicapa con GE System

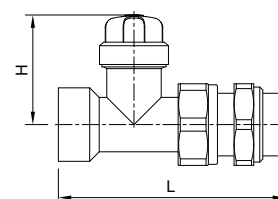
PN10. Construcción en latón UNE-EN 12165 niquelado. Juntas de NBR. Tapon de ABS. Conexión a tubería mediante rosca macho W24,5x19h". Conexión emisor mediante rosca macho ISO 228/1 con GE-System. Temp. max. 110°C

### Straight lock shield valve for copper, PEX and multilayer pipe with GE System

PN10. Body nickel plated brass UNE-EN 12165. NBR sealing joints. ABS cap. Pipe connection through male thread W24,5x19h". Terminal connection through male thread ISO 228/1 with GE-System. Max. temp. 110°C

| MED./SIZE | L  | H  |
|-----------|----|----|
| 3/8"      | 74 | 29 |
| 1/2"      | 74 | 29 |

|             |      |      |        |   |
|-------------|------|------|--------|---|
| 70565 03 00 | 3/8" | 0.17 | 10-10  | - |
| 70565 04 00 | 1/2" | 0.18 | 10-100 | - |



Ref. 79001



**Kit-Ge Termostatzable GE-SYSTEM**

**79001 04 15. Kit termostatzable GE-SYSTEM para tubo cobre rosca GENEBRE**

Se compone de la válvula termostatzable 70048 04 00, detentor 70564 04 00 y dos racor para tubo de cobre 70041 15 20. Construcción en latón. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar

**79001 04 16. Kit termostatzable GE-SYSTEM tubo multicapa rosca GENEBRE**

Se compone de la válvula termostatzable 70048 04 00, detentor 70564 04 00 y dos racor para tubo multicapa 70070 16 00. Construcción en latón. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar

**Thermostatic kit GE-SYSTEM**

**79001 04 15. Thermostatic kit GE-SYSTEM for copper pipe with GENEBRE threaded**

The kit consists of 70048 04 00 thermostatic angle valve, 70564 04 00 angle lack shield valve and two 70041 15 20 copper pipe fittings. Brass construction. Maximum working temperature 95°C. Maximum working pressure 10 bar

**79001 04 16. Thermostatic kit GE-SYSTEM for multilayer pipe with GENEBRE threaded**

The kit consists of 70048 04 00 thermostatic angle valve, 70564 04 00 angle lack shield valve and two 70070 16 00 multilayer pipe fittings. Brass construction. Maximum working temperature 95°C. Maximum working pressure 10 bar

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|             |      |      |      |   |
|-------------|------|------|------|---|
| 79001 04 15 | 1/2" | 0.46 | 5-25 | - |
| 79001 04 16 | 1/2" | 0.52 | 5-25 | - |

Ref. 79002



**Kit-Ge Manual GE-SYSTEM**

**79002 04 15. Kit manual GE-SYSTEM para tubo cobre rosca GENEBRE**

Se compone de la válvula manual 70587 04 00, detentor 70564 04 00 y dos racor para tubo de cobre 70041 15 20. Construcción en latón. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar

**79002 04 16. Kit manual GE-SYSTEM tubo multicapa rosca GENEBRE**

Se compone de la válvula manual 70587 04 00, detentor 70564 04 00 y dos racor para tubo multicapa 70070 16 00. Construcción en latón. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar.

**Manual kit GE-SYSTEM**

**79002 04 15. Manual kit GE-SYSTEM for copper pipe with GENEBRE threaded**

The kit consists of 70587 04 00 manual angle valve, 70564 04 00 angle lack shield valve and two 70041 15 20 copper pipe fittings. Brass construction. Maximum working temperature 95°C. Maximum working pressure 10 bar

**79002 04 16. Manual kit for multilayer pipe with GENEBRE threaded**

The kit consists of 70587 04 00 manual angle valve, 70564 04 00 angle lack shield valve and two 70070 16 00. multilayer pipe fittings. Brass construction. Maximum working temperature 95°C. Maximum working pressure 10 bar

|             |      |       |      |   |
|-------------|------|-------|------|---|
| 79002 04 15 | 1/2" | 0.412 | 5-25 | - |
| 79002 04 16 | 1/2" | 0.48  | 5-25 | - |

Ref. 70590



**Cabezal termostático**

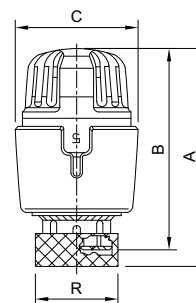
Uso para válvulas termostatzables. Construcción en ABS ignífugo. Rango de temperaturas de 6°C a 28°C con dispositivo antihielo. Sensor líquido de expansión por calor. Conexión rosca M30 x 1,5. Presión máx. de trabajo 10 bar. Temp. máx. de trabajo 50°C. Dimensiones 81 x Ø 48.

**Thermostatic head**

For thermostatic valves use. ABS fireproof construction. Temperature range from 6°C to 28°C with defrosting device. Liquid sensor heat expansion. Thread connection M30 x 1,5. Max. working pressure 10 bar. Max. working temp. 50°C. Dimensions 81 x Ø 48.

| R       | A  | B  | C  |
|---------|----|----|----|
| M30x1,5 | 81 | 74 | 48 |

|             |           |       |      |   |
|-------------|-----------|-------|------|---|
| 70590 00 00 | M30 x 1,5 | 0.131 | 1-84 | - |
|-------------|-----------|-------|------|---|



Ref. 3931



**Cabezal termostático "GE-SMART"**

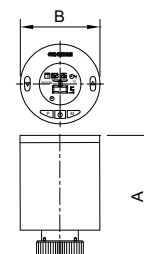
Alimentación: 2 baterías 1,5V, tipo AA. Conectividad WIFI. IP20. Rango temperatura de regulación: 5-35°C. Diferencial termico ± 0,5 °C . Pantalla LCD retro iluminada. Programable. Dimensiones: Ø55 x 83 mm.

**"GE-SMART" thermostatic head**

Power supply 2 batteries 1,5V AA. WIFI connectivity. IP20. Setting temperature range: 5-35°C. Differential: ± 0,5 °C . LCD backlight display. Programmable. Dimensions: Ø55 x 83 mm.

| A  | B  |
|----|----|
| 83 | 55 |

|         |   |       |      |   |
|---------|---|-------|------|---|
| 3931 00 | - | 0.144 | 1-42 | - |
|---------|---|-------|------|---|



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 72501



### Cabezal termostático programable para radiadores

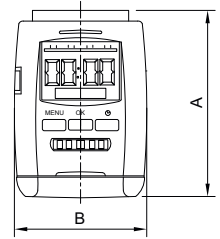
Uso para válvulas termostaticables. Alimentación con dos baterías 1,5V tipo AA. Funcionamiento automático con dos niveles de temperatura (confort o económico) o manual mediante la rueda de selección. Temperatura de funcionamiento de 0°C a 55°C. Temperatura de protección antihielo 6°C. Grado de protección IP30. Dimensiones 52x83x56cm

### Programmable thermostatic head for radiators

For thermostatic valves use. Power supply two batteries 1,5V AA. Automatic operation with two levels of temperature (comfort or economic) or manual through the selection wheel. Working temperature from 0°C to 55°C. Antifreeze against 6°C. IP30. Dimensions 52x83x56cm

| A  | B  |
|----|----|
| 83 | 52 |

|             |   |       |      |   |
|-------------|---|-------|------|---|
| 72501 00 00 | - | 0.158 | 1-20 | - |
|-------------|---|-------|------|---|



Ref. 70306



### Actuador electrotérmico

Alimentación: 24V / 220-240V (±10%) 50-60 Hz. P=1,2W. Construcción en polímero ignífugo, cable de 2 hilos, funda de PVC. Posición de la válvula n/c. Clase de protección IP54. Temperatura ambiente máx. de trabajo 60°C. Temperatura máx. del fluido 100°C. Presión máx. de trabajo 10 bar.

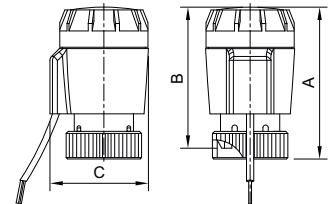
### Electrothermal actuator

Power supply: 24V / 220-240V (±10%) 50-60 Hz. P=1,2W. Fireproof polymer construction. Two wire cable with PVC cover. Normally closed valve position. Protection class IP54. Max. working ambient temperature 60°C. Max. fluid temperature 100°C. Max. working pressure 10 bar.

| Ref.        | Alimentación/<br>Power supply |
|-------------|-------------------------------|
| 70306 00 02 | 220/230 V                     |
| 70306 00 12 | 24 V                          |

| A  | B  | C  |
|----|----|----|
| 67 | 62 | 43 |

|             |           |      |       |   |
|-------------|-----------|------|-------|---|
| 70306 00 02 | M30 x 1,5 | 0.16 | 1-100 | - |
| 70306 00 12 | M30 x 1,5 | 0.16 | 1-100 | - |



Ref. 73189



### Actuador electrotérmico con microrruptor auxiliar

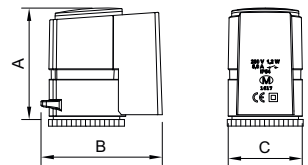
Alimentación: 220-240V (±10%) 50-60 Hz. P=1,2W. Construcción en polímero ignífugo, cable de 4 hilos, funda de PVC. Posición de la válvula n/c. Clase de protección IP54. Temperatura ambiente máx. de trabajo 60°C. Presión máx. de trabajo 10 bar.

### Electrothermal actuator with auxiliary microswitch

Power supply: 220-240V (±10%) 50-60 Hz. P=1,2W. Fireproof polymer construction. 4 wire cable with PVC cover. Normally closed valve position. Protection class IP54. Max. environment working temperature 60°C. Max. working pressure 10 bar.

| A  | B  | C  |
|----|----|----|
| 60 | 59 | 36 |

|             |           |       |       |   |
|-------------|-----------|-------|-------|---|
| 73189 00 42 | M30 x 1,5 | 0.158 | 1-100 | - |
|-------------|-----------|-------|-------|---|



Ref. 71028



### Válvula monotubo termostaticable

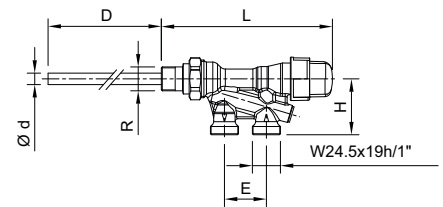
Construcción en latón UNE-EN 12164-12165. Juntas de cierre en elastómero. Volante en ABS. Conexión al emisor rosca macho ISO 228/1. Conexión a tubería de cobre y plástico mediante racor. Rosca macho W24,5 x 19h/1". Mando manual intercambiable. Sonda de entrada incorporada. Temp. máx. de trabajo 110°C. Presión máx. de trabajo 10 bar.

### Thermostatic valve for single-pipe installation

Brass construction UNE-EN 12164-12165. Elastomer sealing joints. ABS steering wheel. Terminal connection male thread ISO 228/1. Copper and plastic connection by means a fitting. Male thread W24,5 x 19h/1". Easy replaceable manual control. Inlet probe incorporated. Max. working temp. 110°C. Max. working pressure 10 bar.

| MED./SIZE | L   | H  | E  | D   | R    | Ø d |
|-----------|-----|----|----|-----|------|-----|
| 1/2"      | 148 | 49 | 37 | 260 | 1/2" | 10  |

|             |      |     |      |   |
|-------------|------|-----|------|---|
| 71028 04 00 | 1/2" | 0.4 | 4-24 | - |
|-------------|------|-----|------|---|



Ref. 70177



### Codo para conexión válvula monotubo

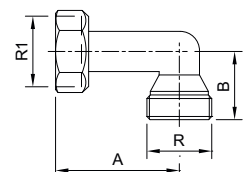
Construcción en latón niquelado UNE-EN 12165. Junta de EPDM peróxido. Rosca Macho - Hembra W24,5 x 19h/1". Temp. máx. de trabajo 110°C. Presión máx. de trabajo 10 bar.

### Elbow fitting for valve-pipe connection

Nickel-plated brass construction UNE-EN 12165. EPDM PEROX seal. Male - Female thread W24,5 x 19h/1". Max. working temp. 110°C. Max. working pressure 10 bar.

| R1             | R              | A    | B  |
|----------------|----------------|------|----|
| W24,5 x 19h/1" | W24,5 x 19h/1" | 47,5 | 26 |

|             |              |       |     |   |
|-------------|--------------|-------|-----|---|
| 70177 00 10 | W24,5 x 19h" | 0.085 | 180 | - |
|-------------|--------------|-------|-----|---|





Rosca Genebre W24,5 x 19 h"  
Genebre threaded W24,5 x 19 h"



Rosca Gas G 1/2" ISO 228/1  
Gas threaded G 1/2" ISO 228/1



Rosca Eurokonus G 3/4" ISO 228/1  
Eurokonus threaded G 3/4" ISO 228/1

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 70041



**Racor tubo cobre**

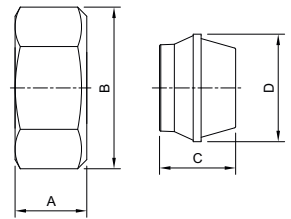
Tuerca y casquillo en latón. Tuerca niquelada. Junta de cierre en NBR. Rosca hembra W24,5 x 19h/1". Temp. máx. de trabajo 95°C. Presión máx. de trabajo 10 bar.

**Copper pipe fitting**

Nut and ring in brass. Nickel-plated nut. NBR sealing joint. Female thread W24,5 x 19h/1". Max. working temp. 95°C. Max. working pressure 10 bar.

| Medida tubo/ Pipe Size | A  | B  | C  | D  |
|------------------------|----|----|----|----|
| Ø12                    | 14 | 28 | 14 | 21 |
| Ø15                    | 14 | 28 | 14 | 21 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70041 12 20 | Ø 12 | 0.042 | 10-300 | - |
| 70041 15 20 | Ø 15 | 0.033 | 10-300 | - |



Ref. 70071



**Racor tubo polietileno reticulado (PEX)**

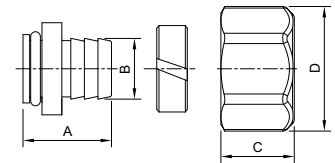
Construcción en latón. Tuerca niquelada. Junta de cierre en NBR. Rosca hembra W24,5 x 19h/1". Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar.

**PEX polyethylene pipe fitting**

Brass construction. Nickel-plated nut. NBR sealing joint. Female thread w24,5 x 19h/1". Maximum working temperature 95°C. Maximum working pressure 10 bar.

| Medida tubo/ Pipe Size | A  | B  | C  | D  |
|------------------------|----|----|----|----|
| Ø16x2                  | 28 | 12 | 19 | 28 |
| Ø16x1,5                | 28 | 12 | 19 | 28 |

|             |            |      |        |   |
|-------------|------------|------|--------|---|
| 70071 16 00 | Ø 16 x 2   | 0.06 | 1-100  | - |
| 70071 16 20 | Ø 16 x 1,5 | 0.06 | 10-300 | - |



Ref. 70070



**Racor tubo multicapa**

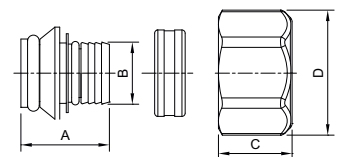
Construcción en latón. Tuerca niquelada. Juntas de cierre en NBR. Rosca hembra W24,5 x 19h/1". Temp. máx. de trabajo 95°C. Presión máx. de trabajo 10 bar.

**Multilayer pipe fitting**

Brass construction. Nickel-plated nut. NBR sealing joints. Female thread W24,5 x 19h/1". Max. working temp. 95°C. Max. working pressure 10 bar.

| Medida tubo/ Pipe Size | A  | B  | C  | D  |
|------------------------|----|----|----|----|
| Ø16x2                  | 21 | 12 | 17 | 28 |
| Ø18x2                  | 23 | 14 | 19 | 28 |
| Ø20x2                  | 26 | 16 | 19 | 28 |
| Ø20x2,25               | 23 | 16 | 19 | 28 |

|             |             |       |        |   |
|-------------|-------------|-------|--------|---|
| 70070 16 00 | Ø 16 x 2    | 0.066 | 10-300 | - |
| 70070 18 00 | Ø 18 x 2    | 0.066 | 10-300 | - |
| 70070 20 00 | Ø 20 x 2    | 0.067 | 10-300 | - |
| 70070 20 20 | Ø 20 x 2,25 | 0.064 | 10-300 | - |



Ref. 70735



**Racor tubo PEX + Multicapa rosca G1/2" BSP**

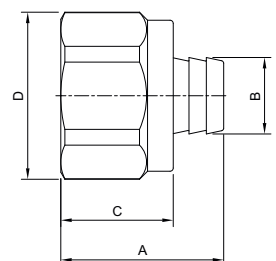
Construcción en latón. Tuerca niquelada. Junta de cierre de fibra. Rosca hembra gas (BSP) G1/2" según ISO 228/1. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar. Racor para el colector ref. 70024.

**Multilayer + PEX pipe fitting G1/2" threaded BSP**

Brass construction. Nickel plated nut. Fiber sealing joint. Female gas (BSP) thread G1/2". Maximum working temperature 95°C. Maximum working pressure 10 bar. Fitting for the manifold ref. 70024.

| Medida tubo/ Pipe Size | A    | B  | C    | D  |
|------------------------|------|----|------|----|
| Ø16x2                  | 25,4 | 12 | 17,5 | 24 |

|             |          |       |     |   |
|-------------|----------|-------|-----|---|
| 70735 16 10 | Ø 16 x 2 | 0.037 | 400 | - |
|-------------|----------|-------|-----|---|





| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 70224



### Racor tubo multicapa Euroconus rosca G3/4"

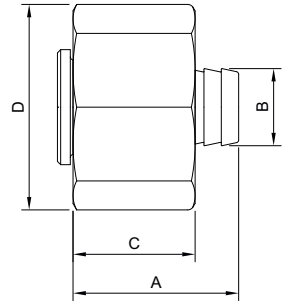
Construcción en latón. Tuerca niquelada. Cierre de elastomero. Rosca hembra gas (BSP) G3/4" según ISO 228/1. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar

### Euroconus multilayer pipe fitting G3/4" threaded

Brass construction. Nickel plated nut. Elastomer sealing. Female gas (BSP) thread G3/4". Maximum working temperature 95°C. Maximum working pressure 10 bar

| Medida tubo/ Pipe Size | A  | B  | C  | D  |
|------------------------|----|----|----|----|
| Ø16x2                  | 26 | 12 | 19 | 30 |

|             |         |       |        |   |
|-------------|---------|-------|--------|---|
| 70224 16 00 | Ø16 x 2 | 0.078 | 10-300 | - |
|-------------|---------|-------|--------|---|



Ref. 70042



### Tapón para colectores

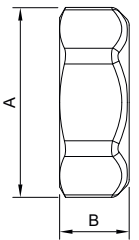
Construcción en latón niquelado UNE-EN 12165. Junta de PTFE. Rosca hembra W24,5 x 19h/1". Temp. máx. de trabajo 110°C. Presión máx. de trabajo 10 bar.

### Blind cap for manifold

Nickel-plated brass construction UNE-EN 12165. PTFE seal. Female thread W24,5 x 19h/1". Max. working temp. 110°C. Max. working pressure 10 bar

| Medida tubo/ Pipe Size | A  | B    |
|------------------------|----|------|
| W24,5x19h"             | 28 | 11,5 |

|             |              |       |      |   |
|-------------|--------------|-------|------|---|
| 70042 00 00 | W24,5 x 19h" | 0.032 | 20-1 | - |
|-------------|--------------|-------|------|---|



Ref. 70069



### Llave para racor fitting de W24,5 x 19h"

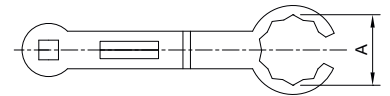
Llave con conexión angular para apretar fácilmente en montaje en cualquier posición. Para racor rosca withworth diámetro 24,5 x 19 hilos por pulgada.

### Spanner for W24,5 x 19t" fitting

Angled connection spanner for easily tighten fittings in any position. For withworth thread diameter 24,5 x 19 threads per inch fittings.

| A  |
|----|
| 28 |

|             |       |       |       |   |
|-------------|-------|-------|-------|---|
| 70069 00 00 | Ch 28 | 0.024 | 10-80 | - |
|-------------|-------|-------|-------|---|



Ref. 70024



### Colector simple componible 2, 3 y 4 vias

PN 10. Construcción en latón niquelado UNE-EN 12165. Conexión en línea rosca gas (BSP) M - H, ISO 228/1. Conexión derivación macho, G1/2" ISO 228/1. Máxima temperatura de trabajo 180°C.

### 2, 3 and 4 ways modular single manifold

PN 10. Nickel-plated brass construction UNE-EN 12165. Line connection threaded ends gas (BSP) M - F, ISO 228/1. Lateral connections male, G1/2" ISO 228/1. Maximum working temperature 180°C.

| R    | r    | salidas / ways | DN | L   | X  | A  | B    |
|------|------|----------------|----|-----|----|----|------|
| 3/4" | 1/2" | 2              | 20 | 85  | 36 | 14 | 15,5 |
| 3/4" | 1/2" | 3              | 20 | 121 | 36 | 14 | 15,5 |
| 3/4" | 1/2" | 4              | 20 | 157 | 36 | 14 | 15,5 |
| 1"   | 1/2" | 2              | 25 | 104 | 42 | 14 | 17   |
| 1"   | 1/2" | 3              | 25 | 146 | 42 | 14 | 17   |
| 1"   | 1/2" | 4              | 25 | 188 | 42 | 14 | 17   |

|             |      |       |      |   |
|-------------|------|-------|------|---|
| 70024 05 02 | 3/4" | 0.152 | 8-64 | - |
|-------------|------|-------|------|---|

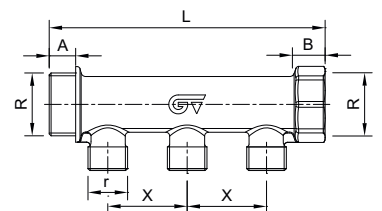
|             |      |       |      |   |
|-------------|------|-------|------|---|
| 70024 05 03 | 3/4" | 0.196 | 5-40 | - |
|-------------|------|-------|------|---|

|             |      |      |      |   |
|-------------|------|------|------|---|
| 70024 05 04 | 3/4" | 0.26 | 4-32 | - |
|-------------|------|------|------|---|

|             |    |       |      |   |
|-------------|----|-------|------|---|
| 70024 06 02 | 1" | 0.253 | 8-64 | - |
|-------------|----|-------|------|---|

|             |    |       |      |   |
|-------------|----|-------|------|---|
| 70024 06 03 | 1" | 0.315 | 5-40 | - |
|-------------|----|-------|------|---|

|             |    |       |      |   |
|-------------|----|-------|------|---|
| 70024 06 04 | 1" | 0.422 | 4-32 | - |
|-------------|----|-------|------|---|



Ref. 70035



**Colector simple componible 2, 3 y 4 vías**

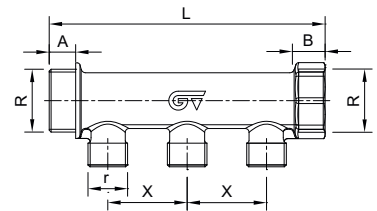
Construcción en latón niquelado UNE-EN 12165. Conexión en derivación lateral rosca macho W24,5 x 19h/1". Conexión en línea rosca macho, hembra ISO 228/1. Temperatura máxima de trabajo: 180°C. Presión máxima de trabajo: 10 bar.

**2, 3 and 4 ways module single manifold**

Nickle-plated brass construction UNE-EN 12165. Lateral branch connection male thread W24,5 x 19h/1". Threaded ends connection male-female ISO 228/1. Maximum working temperature: 180°C. Maximum working pressure: 10 bar.

| R    | r            | Nº Derivaciones/<br>Branches num. | DN | L   | X  | A  | B    |
|------|--------------|-----------------------------------|----|-----|----|----|------|
| 3/4" | W24,5x19h/1" | 2                                 | 20 | 85  | 36 | 14 | 15,5 |
| 3/4" | W24,5x19h/1" | 3                                 | 20 | 121 | 36 | 14 | 15,5 |
| 3/4" | W24,5x19h/1" | 4                                 | 20 | 157 | 36 | 14 | 15,5 |
| 1"   | W24,5x19h/1" | 2                                 | 25 | 104 | 42 | 14 | 17   |
| 1"   | W24,5x19h/1" | 3                                 | 25 | 146 | 42 | 14 | 17   |
| 1"   | W24,5x19h/1" | 4                                 | 25 | 188 | 42 | 14 | 17   |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
| 70035 05 02    | 3/4"           | 0.164          | 8-64                 | -                   |
| 70035 05 03    | 3/4"           | 0.222          | 5-40                 | -                   |
| 70035 05 04    | 3/4"           | 0.292          | 4-32                 | -                   |
| 70035 06 02    | 1"             | 0.279          | 8-64                 | -                   |
| 70035 06 03    | 1"             | 0.336          | 5-40                 | -                   |
| 70035 06 04    | 1"             | 0.45           | 4-32                 | -                   |



Ref. 70171



**Colector simple componible sanitario con regulación 2, 3 y 4 vías**

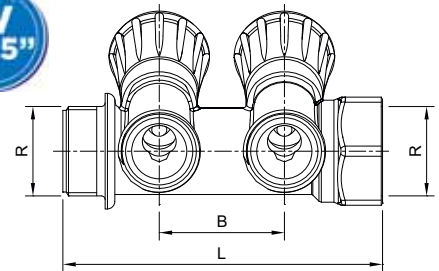
Construcción en latón, acabado niquelado. Juntas de EPDM. Volante de ABS, antirrobo. Conexiones derivadas rosca macho W24,5x19h/1". Conexiones en línea rosca macho-hembra ISO 228/1. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar.

**2, 3 and 4 ways modular sanitary manifold with adjustment**

Brass construction, nickel-plated finishing. EPDM joints. ABS wheel, against steering. Lateral branch connections male thread W24,5x19h/1". Threaded ends connection male-female ISO 228/1. Maximum working temperature 95°C. Maximum working pressure 10 bar.

| R    | N.º Derivaciones/Branches num. | DN | L     | B  |
|------|--------------------------------|----|-------|----|
| 3/4" | 2                              | 20 | 94,5  | 37 |
| 3/4" | 3                              | 20 | 131,5 | 37 |
| 3/4" | 4                              | 20 | 168,5 | 37 |
| 1"   | 2                              | 25 | 94,5  | 37 |
| 1"   | 3                              | 25 | 131,5 | 37 |
| 1"   | 4                              | 25 | 168,5 | 37 |

|             |      |       |      |   |
|-------------|------|-------|------|---|
| 70171 05 02 | 3/4" | 0.386 | 5-50 | - |
| 70171 05 03 | 3/4" | 0.471 | 1-10 | - |
| 70171 05 04 | 3/4" | 0.701 | 5-20 | - |
| 70171 06 02 | 1"   | 0.475 | 5-40 | - |
| 70171 06 03 | 1"   | 0.688 | 5-30 | - |
| 70171 06 04 | 1"   | 0.917 | 5-15 | - |



Ref. 73827

NEW



**Caja de plástico para colectores componibles de latón**

Caja para colectores en material plástico. Tapa extraíble de material plástico pintable. Posibilidad de empotrar o dejar a ras de pared. Profundidad regulable 80-92 mm. Altura máxima regulable 35mm. Soportes para la fijación de los colectores suministrados por separado: ref 71942 05 00(3/4") y 71942 06 00 (1")

**Plastic box for brass modular manifold**

Plastic box. Removable cover of paintable plastic. Possibility of flush wall installation. Adjustable depth 80-92 mm. Height adjustable 35mm. Brackets for fixing the manifolds supplied separately: ref 71942 05 00(3/4") and 71942 06 00 (1")

|             |         |     |   |   |
|-------------|---------|-----|---|---|
| 73827 29 00 | 270x290 | 1   | 1 | - |
| 73827 39 00 | 270x390 | 1.3 | 1 | - |
| 73827 49 00 | 270x490 | 1.6 | 1 | - |

Ref. 70176



**Colector de distribución Acero Inoxidable**

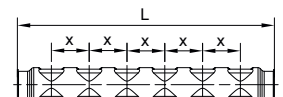
Fabricado en acero inoxidable AISI 304L. Conexión principal rosca hembra ISO 228/1 de 1". Conexiones derivadas rosca hembra ISO 228/1 de 1/2". Temperatura máxima de trabajo 110°C. Presión máxima de trabajo 10 bar.

**Stainless steel Manifold double side**

Made in stainless steel AISI 304L. Threaded ends connections female ISO 228/1 of 1". Lateral connections female thread ISO 228/1 of 1/2". Maximum working temperature 110°C. Maximum working pressure 10 bar.

| Salidas/Way | 4   | 5   | 6   | 7   | 8   |
|-------------|-----|-----|-----|-----|-----|
| X           | 50  | 50  | 50  | 50  | 50  |
| L           | 243 | 293 | 343 | 393 | 443 |

|             |    |       |    |   |
|-------------|----|-------|----|---|
| 70176 06 04 | 1" | 0.35  | 45 | - |
| 70176 06 05 | 1" | 0.4   | 30 | - |
| 70176 06 06 | 1" | 0.494 | 30 | - |
| 70176 06 07 | 1" | 0.55  | 12 | - |
| 70176 06 08 | 1" | 0.65  | 12 | - |



Ref. 3179 - 3175 - 3189

**NEW**



**Válvula de seguridad escuadra-3 bar (3179)**  
**Válvula de seguridad escuadra-4 bar (3175)**  
**Válvula de seguridad escuadra-6 bar (3189)**

Cuerpo en latón. Muelle de acero INOX AISI 302. Obturador en EPDM. Membrana en EPDM. Extremos roscados hembra-hembra ISO 228/1. Presión máx. de trabajo 10 bar. Temp. máx. 90°C.

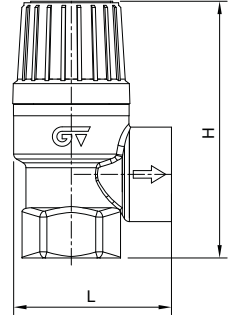
**Safety relief angle valve-3 bar (3179)**  
**Safety relief angle valve-4 bar (3175)**  
**Safety relief angle valve-6 bar (3189)**

Brass body. Stainless steel AISI 302 spring. EPDM joint. EPDM membrane. Female-female threaded ends ISO 228/1. Max. working pressure 10 bar. Max. working temp. 90°C.

| L  | H  |
|----|----|
| 42 | 64 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3179 04 | 1/2" | 0.115 | 10-100 | - |
| 3175 04 | 1/2" | 0.109 | 10-100 | - |
| 3189 04 | 1/2" | 0.116 | 10-100 | - |



Ref. 3182 - 3176 - 3188

**NEW**



**Válvula de seguridad escuadra-3 bar (3182)**  
**Válvula de seguridad escuadra-4 bar (3176)**  
**Válvula de seguridad escuadra-6 bar (3188)**

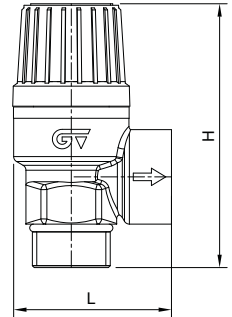
Cuerpo en latón. Muelle de acero inox AISI 302. Obturador en EPDM. Membrana en EPDM. Extremos roscados macho-hembra ISO 228/1. Presión máx. de trabajo 10 bar. Temperatura máx. 90°C.

**Safety relief angle valve-3 bar (3182)**  
**Safety relief angle valve-4 bar (3176)**  
**Safety relief angle valve-6 bar (3188)**

Brass body. Stainless steel AISI 302 spring. EPDM joint. EPDM membrane. Female-female threaded ends ISO 228/1. Max. working pressure 10 bar. Max. working temp. 90°C.

| L  | H  |
|----|----|
| 42 | 69 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3182 04 | 1/2" | 0.119 | 10-100 | - |
| 3176 04 | 1/2" | 0.118 | 10-100 | - |
| 3188 04 | 1/2" | 0.126 | 10-100 | - |



Ref. 3191 - 3171 - 3192

**NEW**



**Válvula de seguridad escuadra con conexión manómetro-3 bar (3191)**  
**Válvula de seguridad escuadra con conexión manómetro-4 bar (3171)**  
**Válvula de seguridad escuadra con conexión manómetro-6 bar (3192)**

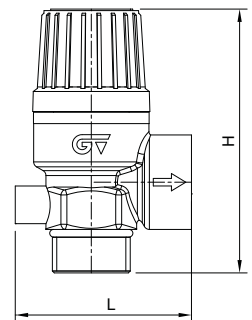
Cuerpo en latón. Muelle de acero INOX AISI 302. Obturador en EPDM. Membrana en EPDM. Extremos roscados macho-hembra ISO 228/1. Presión máx. de trabajo 10 bar. Temp. máx. 90°C. Conexión para manómetro hembra 1/4" ISO 228/1.

**Safety relief angle valve with pressure gauge connection-3 bar (3191)**  
**Safety relief angle valve with pressure gauge connection-4 bar (3171)**  
**Safety relief angle valve with pressure gauge connection-6 bar (3192)**

Brass body. Stainless steel AISI 302 spring. EPDM joint. EPDM membrane. Male-female threaded ends ISO 228/1. Max. working pressure 10 bar. Max. working temp. 90°C. 1/4" female pressure gauge connection ISO 228/1.

| L  | H  |
|----|----|
| 52 | 73 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3191 04 | 1/2" | 0.142 | 10-100 | - |
| 3171 04 | 1/2" | 0.118 | 10-100 | - |
| 3192 04 | 1/2" | 0.142 | 10-100 | - |



Ref. 3191E - 3192E



**Válvula de seguridad con conexión y manómetro 3 bar (3191E)**  
**Válvula de seguridad con conexión y manómetro 6 bar (3192E)**

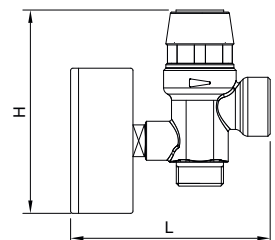
PN 10. Construcción en latón UNE-EN 12165. Muelle de acero inoxidable AISI 302. Obturador y membrana en EPDM. Extremos roscados M-H ISO 228/1. Temp. máx. 90°C. Mando manual por volante de ABS. Manómetro Ø 53 indicador rojo, salida posterior.

**Safety relief angle valve with pressure gauge 3 bar (3191E)**  
**Safety relief angle valve with pressure gauge 6 bar (3192E)**

PN 10. Brass construction UNE-EN 12165. Stainless steel AISI 302 spring. EPDM joint and membrane. Threaded ends ISO 228/1 M-F. Max. temp. 90°C. ABS manual handwheel. Pressure gauge Ø 53, red index, back connection.

| L  | H  |
|----|----|
| 84 | 82 |

|          |      |       |   |   |
|----------|------|-------|---|---|
| 3191E 04 | 1/2" | 0.181 | 1 | - |
| 3192E 04 | 1/2" | 0.181 | 1 | - |



Ref. 73153



**Unidad automática de llenado a pistón**

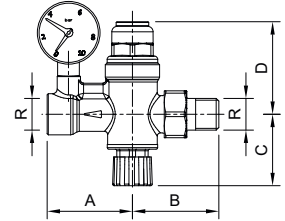
PN 16. Construcción en latón niquelado UNE-EN 12165. Cierre acero inox. Extremos rosca gas (BSP) M-H s/ISO 228/1. Campo de regulación 0,5 - 4 bar. Manómetro conexión G1/4" escala 0-10 bar. Valvula antiretorno en el interior. Valvula de corte de suministro. Temperatura maxima de trabajo 80°C. Aplicación para agua

**Automatic piston filling unit**

PN 16. Nickel-plated brass construction UNE-EN 12165. Stainless steel sealing. Threaded ends gas (BSP) M - F acc/ISO 228/1. Adjustable range from 0,5 - 4 bar. Pressure gauge scale 0 - 10 bar with G1/4" connection. Inner check valve. Shut-off valve of power supply. Working temperature 80°C. Appliance for water

| R    | A  | B    | C  | D    |
|------|----|------|----|------|
| 1/2" | 55 | 55,7 | 46 | 59,6 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 73153 04 00 | 1/2"        | 0.566       | 1-12              | -                |



Ref. 70017



**Purgador manual de aire orientable**

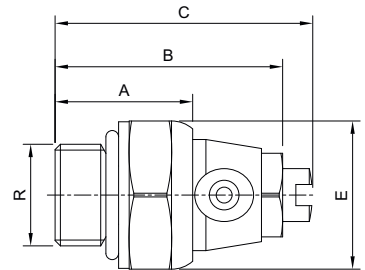
PN 10. Construcción en latón UNE-EN 12164 niquelado. Juntas de cierre en EPDM. Orificio de purga orientable 360°. Conexión rosca gas (BSP) macho ISO 228/1. Temp. máx. trabajo 100°C.

**Orienable manual air vent**

PN 10. Nickel plated brass construction UNE-EN 12164. EPDM sealing O-rings. Vent hole orientable 360°. Gas threaded end (BSP) male, ISO 228/1. Max. working temp. 100°C

| R    | A  | B  | C  | E (Hex) |
|------|----|----|----|---------|
| 1/8" | 13 | 21 | 24 | 14      |

|             |      |      |          |   |
|-------------|------|------|----------|---|
| 70017 01 00 | 1/8" | 0.02 | 100-1000 | - |
|-------------|------|------|----------|---|



Ref. 70018



**Purgador manual de aire**

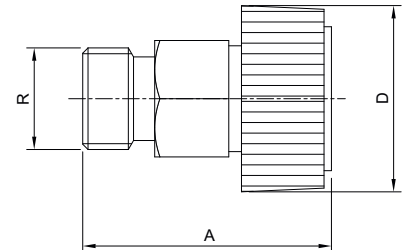
Cuerpo en latón niquelado. Mando de control no conductor de calor. Unión rosca macho ISO 228. Presión máx. 6 bar. Temp. máx 100°C.

**Manual air vent**

Nickel-plated brass body. Heatless control handle. Threads connection male ISO 228. Max. working pressure 6 bar. Max. working temp. 100°C.

| R    | D    | A  |
|------|------|----|
| 1/8" | 17,5 | 27 |

|             |      |       |         |   |
|-------------|------|-------|---------|---|
| 70018 01 02 | 1/8" | 0.012 | 10-1000 | - |
|-------------|------|-------|---------|---|



Ref. 71012



**Purgador automático de aire**

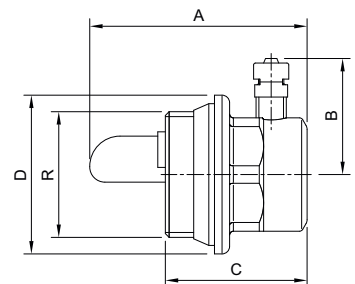
Cuerpo en latón niquelado. Junta en EPDM. Flotador en polietileno. Unión rosca M-ISO 228. Presión máx. 10 bar. Temp. máx. de trabajo 110°C.

**Automatic air vent valve**

Nickel-plated brass body. EPDM joint. Polyethylene float. Male thread connections ISO 228. Max. working pressure 10 bar. Max. working temp. 110°C.

| R    | A    | B  | C    | D  |
|------|------|----|------|----|
| G 1" | 57,5 | 31 | 37,5 | 42 |

|             |             |       |        |   |
|-------------|-------------|-------|--------|---|
| 71012 06 02 | DCHO./RIGHT | 0.104 | 10-100 | - |
| 71012 06 13 | IZQ./LEFT   | 0.104 | 10-100 | - |





Ref. 70037



### Purgador automático de aire

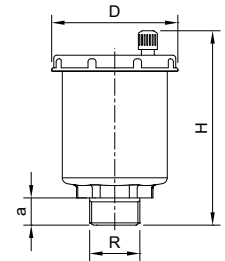
Cuerpo en latón. Sistema de flotador en PP. Junta de cierre en elastómero. Extremo rosca macho ISO 228/1. Temp. máx. 110°C. Presión máxima de trabajo 10 bar.

### Automatic air vent

Body brass. PP floating system. Elastomer sealing joint. Male thread ISO 228/1. Max. working temp. 110°C. Maximum working pressure 10 bar.

| R    | D  | H  | a  |
|------|----|----|----|
| 3/8" | 46 | 70 | 10 |
| 1/2" | 46 | 70 | 10 |
| 3/4" | 46 | 70 | 10 |
| 1"   | 46 | 73 | 13 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 70037 03 02 | 3/8"        | 0.153       | 1-168             | -                |
| 70037 04 02 | 1/2"        | 0.154       | 1-168             | -                |
| 70037 05 02 | 3/4"        | 0.16        | 1-168             | -                |
| 70037 06 02 | 1"          | 0.19        | 1-168             | -                |



Ref. 70038



### Purgador automático de aire con cierre manual y conexión lateral

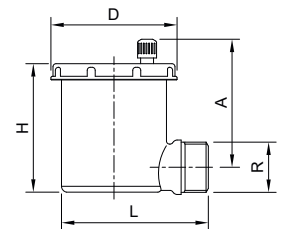
Cuerpo en latón. Sistema de flotador en PP. Junta de cierre en elastómero. Extremo rosca macho ISO 228/1. Temp. máx. 115°C.

### Automatic air vent with manual lockin plug and lateral connection

Body brass. PP floating system. Elastomer sealing joint. Male thread ISO 228/1. Max. working temp. 115°C.

| R      | A  | D  | H  | L  |
|--------|----|----|----|----|
| G 3/8" | 53 | 46 | 46 | 53 |
| G 1/2" | 53 | 46 | 46 | 55 |

|             |      |       |       |   |
|-------------|------|-------|-------|---|
| 70038 03 00 | 3/8" | 0.167 | 10-80 | - |
| 70038 04 00 | 1/2" | 0.168 | 10-80 | - |



Ref. 3044



### Válvula de descarga para caldera

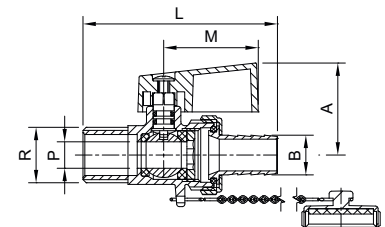
PN 25. Paso total. Construcción en latón niquelado UNE-EN 12165. Asientos PTFE. Extremos rosca gas (BSP) M ISO 228/1 y conexión a manguera Ø 15 con tapón seguridad. Temp. máx. 110°C. Mando manual por palomilla aluminio color rojo.

### Boiler discharge valve

PN 25. Full bore. Body brass UNE-EN 12165 Nickel-plated finishing. PTFE seats. Threaded end male ISO 228/1 and Ø 15 hose connection with safety cap. Max. Temp. 110°C. Aluminium butterfly red handle.

| R x B        | P  | A  | L  | M    |
|--------------|----|----|----|------|
| G 1/2" x Ø15 | 10 | 34 | 72 | 35,5 |

|         |            |       |       |   |
|---------|------------|-------|-------|---|
| 3044 04 | 1/2" x Ø15 | 0.136 | 8-160 | - |
|---------|------------|-------|-------|---|



Ref. 70302



### Válvula esfera esquadra con tuerca loca

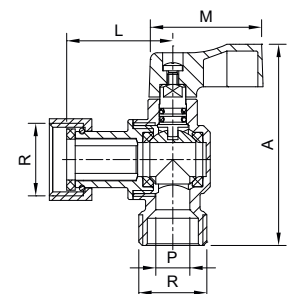
PN 16. Paso total. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Extremos roscados rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de aluminio azul.

### Ball angle valve with free nut

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F, ISO 228/1. Max. temp. 110°C. Blue aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/2" | 10 | 59 | 29 | 33 |
| 3/4" | 14 | 65 | 33 | 33 |

|             |             |       |        |   |
|-------------|-------------|-------|--------|---|
| 70302 04 00 | 1/2" x 1/2" | 0.111 | 10-160 | - |
| 70302 05 00 | 3/4" x 3/4" | 0.175 | 10-120 | - |



Ref. 70304



**Valvula esfera escuadra con tuerca loca**

PN 16 Paso total. Construcción en latón cromado según UNE-EN 12165. Asientos PTFE. Extremos roscados rosca gas (BSP) M-H - ISO 228/1. Temp. máx. 110°C. Mando manual por palanca de aluminio rojo.

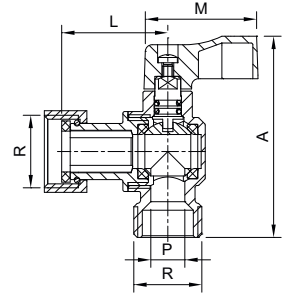
**Ball angle valve with free nut**

PN 16. Full bore. Body chrome plated brass UNE-EN 12165. PTFE seats. Gas threaded ends (BSP) M-F, ISO 228/1. Max. temp. 110°C. Red aluminium butterfly handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 1/2" | 10 | 59 | 29 | 33 |
| 3/4" | 14 | 65 | 33 | 33 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|             |             |       |        |   |
|-------------|-------------|-------|--------|---|
| 70304 04 00 | 1/2" x 1/2" | 0.111 | 10-160 | - |
| 70304 05 00 | 3/4" x 3/4" | 0.184 | 10-120 | - |



Ref. K3770



**Kit de conexiones flexibles para caldera**

Composición del kit:

- 2 unidades GECONNECT DN15 MH 1/2" para agua + juntas EPDM para la entrada de agua fría y salida que permite distribuir el agua hacia la ducha y los grifos de la vivienda. (Ref. 3770 04 20).
- 2 unidades GECONNECT DN20 MH 3/4" para agua + juntas EPDM envío y retorno de agua al circuito de calefacción. (Ref. 3770 05 20).
- 1 unidad GECONNECT GAS DN12 HH 1/2" x 3/4" para gas + juntas NBR para entrada gas, recubierta con funda de PVC de color blanco para gas, en cumplimiento con la norma UNE 60713 (Ref.3654 04 05).

**Flexible connection kit for boilers**

Kit composition:

- 2 units GECONNECT DN15 M-F 1/2" for water with EPDM joint. Ref. 3770 04 20.
- 2 units GECONNECT DN20 M-F 3/4" for water with EPDM joint. Ref. 3770 05 20.
- 1 unit GECONNECT GAS DN12 F-F 1/2" x 3/4" for gas with NBR joint.

|          |   |       |    |   |
|----------|---|-------|----|---|
| K3770 00 | - | 0.675 | 15 | - |
|----------|---|-------|----|---|

Ref. K3771



**Kit Total de conexiones flexibles para caldera**

Composición del kit:

- 2 unidades GECONNECT DN15 MH 1/2" para agua + juntas EPDM para la entrada de agua fría y salida que permite distribuir el agua hacia la ducha y los grifos de la vivienda. (Ref. 3770 04 20).
- 2 unidades GECONNECT DN20 MH 3/4" para agua + juntas EPDM envío y retorno de agua al circuito de calefacción. (Ref. 3770 05 20).
- 1 unidad GECONNECT GAS DN12 HH 1/2" x 3/4" para gas + juntas NBR para entrada gas, recubierta con funda de PVC de color blanco para gas, en cumplimiento con la norma UNE 60713 (Ref.3654 04 05).
- 1 Válvula M-H 1/2" x 1/2" (Ref. 70302 04 00).
- 2 Válvulas M-H 3/4" x 3/4" (Ref. 70304 05 00).

**Total Flexible connection kit for boilers**

Kit composition:

- 2 units GECONNECT DN15 M-F 1/2" for water with EPDM joint. Ref. 3770 04 20.
- 2 units GECONNECT DN20 M-F 3/4" for water with EPDM joint. Ref. 3770 05 20.
- 1 unit GECONNECT GAS DN12 F-F 1/2" x 3/4" for gas with NBR joint. Ref. 3654 04 05.
- 1 unit ball angle valve with free nut M-H 1/2" x 1/2" (Ref. 70302 04 00).
- 2 units ball angle valve with free nut M-H 3/4" x 3/4" (Ref. 70304 05 00).

|          |   |       |    |   |
|----------|---|-------|----|---|
| K3771 00 | - | 1.155 | 15 | - |
|----------|---|-------|----|---|

Ref. 73298

NEW



**Dosificador de polifosfatos**

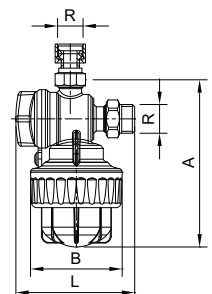
Dosificador de polifosfatos para el tratamiento anticálculo del agua fría de la caldera. Dosificación automática hasta 5 mg/l. Polifosfatos con certificación NSF/ANSI 60. Cuerpo en tecnopolímero, vaso contenedor de PA12. Juntas de EPDM Perox. Racores de conexión en latón G1/2". Presión máxima de trabajo 6 bar. Rango de temperatura de trabajo 0 - 30°C. Duración estimada de la carga de polifosfatos 35000 litros. Carga de polifosfatos incluida.

**Polyphosphate dispenser**

Polyphosphate dispenser for anti-limescale treatment of cold boiler water. Automatic dosing up to 5 mg/l. NSF/ANSI 60 certified polyphosphates. Technopolymer body, PA12 container tank. EPDM Perox joints. Brass connector G1/2". Max. working pressure 6 bar. Working temp. range 0 - 30°C. Estimated duration of the polyphosphate dose 35000 liters. Included polyphosphate dose.

| R           | A   | ØB | L  |
|-------------|-----|----|----|
| 1/2" x 1/2" | 123 | 72 | 94 |

|             |             |       |   |   |
|-------------|-------------|-------|---|---|
| 73298 04 00 | 1/2" x 1/2" | 0.322 | 1 | - |
|-------------|-------------|-------|---|---|



Ref. 71502

**NEW**



### Filtro magnético compacto para calderas

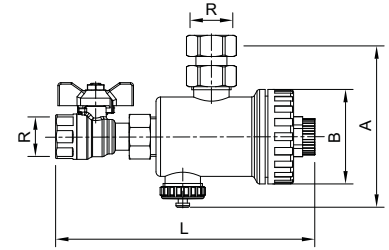
Filtro magnético compacto para calderas. Cuerpo de nylon + fibra de vidrio. Filtro de 800 micras de acero inoxidable AISI 304. Conexiones F - G3/4" UNE-EN ISO 228. Elemento magnético Neodimio REN35 8.000 Gauss. Incluye accesorio de apriete. Máxima presión de trabajo 6 bar. Temperatura máxima de trabajo 80°C.

#### Compact magnetic filter for boilers

Compact magnetic filter for boilers. Body construction in Nylon+PV. Stainless steel filter AISI 304, 800 microns. Connection F- G3/4" UNE-EN ISO 228. Magnetic element Neodymium RE35 8.000 Gauss. Including clamping accessory. Maximum working pressure 6 bar. Maximum working temperature 80°C.

| R    | A   | B    | L     |
|------|-----|------|-------|
| 3/4" | 114 | 62,5 | 175,5 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 71502 05 05 | 3/4"        | 0.48        | 1                 | -                |



Ref. 73070



### Filtro magnético para calderas "GE-Safe"

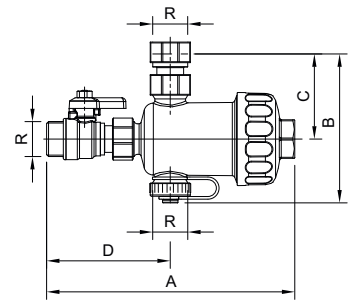
Filtro magnético compacto para calderas. Cuerpo de poliamida PA66 + 33%FV. Filtro de 800 micras de acero inoxidable AISI 304. Conexiones M - G3/4" UNE-EN ISO 228. Elemento magnético Neodimio REN35 11.000 Gauss. Máxima presión de trabajo 3 bar. Temperatura máxima de trabajo 90°C.

#### "GE-Safe" magnetic filter for boilers

Compact magnetic filter for boilers. Body construction in polyamide PA66 + 33%FV. Stainless steel filter AISI 304, 800 microns. Connection M - G3/4" UNE-EN ISO 228. Magnetic element Neodymium RE35 11.000 Gauss. Maximum working pressure 3 bar. Maximum working temperature 90°C.

| R    | A     | B   | C  | D    |
|------|-------|-----|----|------|
| 3/4" | 185,4 | 112 | 64 | 92,5 |

|             |      |       |   |   |
|-------------|------|-------|---|---|
| 73070 05 00 | 3/4" | 0.492 | 1 | - |
|-------------|------|-------|---|---|



Ref. 73286



### Filtro para calderas de condensación "GE-Clean"

Filtro neutralizador para los condensados de calderas de baja potencia (24 - 35 KW). Cuerpo de PA poliamida transparente. Filtro de acero inoxidable AISI 304. Brida de sujeción a pared. Conectores "L" codo G3/4" x DN20. Dos cargas de carbonato cálcico (Ca CO3).

#### "GE-Clean" filter for condensing boilers

Acid condensation neutralising filter for low-power boilers (24-35 KW). Body construction in transparent PA polyamide. Stainless steel filter AISI 304. Wall fixing bracket. "L" elbow connector G3/4" x DN20. Two neutralising loads of calcium carbonate (Ca CO3).

#### Recambios

Carga de carbonato cálcico (Ca CO3) - R73286

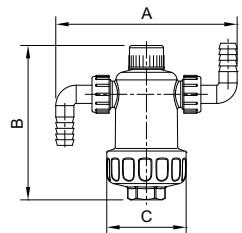
#### Spare parts

Neutralising refill of calcium carbonate (Ca CO3) - R73286

| R         | A   | B   | C  |
|-----------|-----|-----|----|
| 3/4" x 20 | 160 | 136 | 70 |

|             |           |       |   |   |
|-------------|-----------|-------|---|---|
| 73286 05 00 | 3/4" x 20 | 0.196 | 8 | - |
|-------------|-----------|-------|---|---|

|              |   |       |   |   |
|--------------|---|-------|---|---|
| R73286 00 00 | - | 0.118 | 1 | - |
|--------------|---|-------|---|---|



Ref. 72319



### Filtro magnético multifunción "GE-Safe"

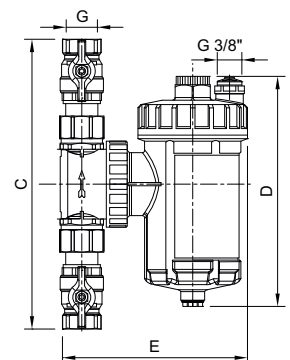
Filtro multifunción. Cuerpo de poliamida PA66 + 33%FV. Filtro de 800 micras de acero inoxidable AISI 304. Conexiones H - H según ISO 228. Elemento magnético Neodimio REN35 11.000 Gauss. Máxima presión de trabajo 4 bar. Temperatura máxima de trabajo 90°C.

#### "GE-Safe" multifunction magnetic filter

Multifunction filter. Body construction in polyamide PA66 + 33%FV. Stainless steel filter AISI 304, 800 microns. Connection F - F according ISO 228/1. Magnetic element Neodymium REN35 11.000 Gauss. Maximum working pressure 4 bar. Maximum working temperature 90°C.

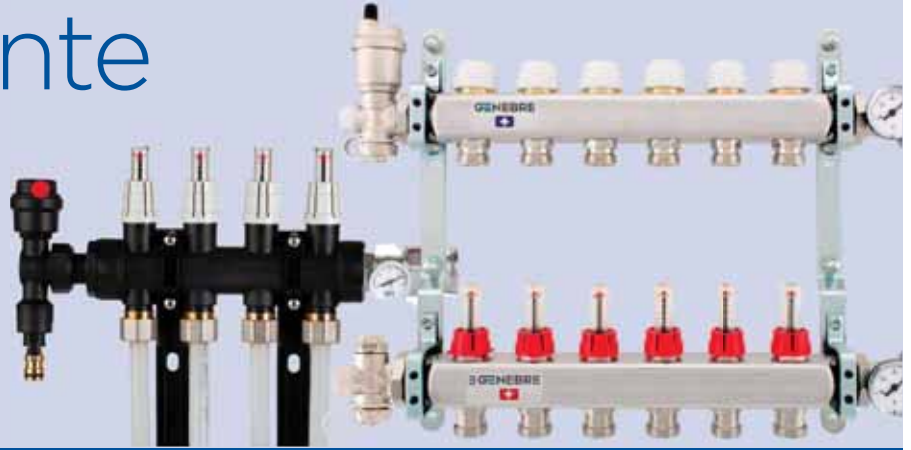
| Medida/Size | C   | D   | E   | G    |
|-------------|-----|-----|-----|------|
| G 1"        | 253 | 189 | 153 | 3/8" |
| G 1 1/4"    | 256 | 189 | 153 | 3/8" |

|             |        |       |     |   |
|-------------|--------|-------|-----|---|
| 72319 06 50 | 1"     | 1.396 | 1-4 | - |
| 72319 07 50 | 1 1/4" | 1.487 | 1-4 | - |



# Suelo radiante

## Underfloor heating



02 CLIMATIZACIÓN CLIMATE CONTROL

Ref. 71411



### Colector de polímero

PN 8. Cuerpo de polímero Pa66 + 30% FV. Válvulas termostatables y conexiones de latón según UNE-EN 12165. Juntas de EPDM. Extremos roscados rosca gas (BSP) ISO 228/1. Conexión en línea hembra G1", derivaciones laterales rosca macho G3/4" euroconus. Número de vías; 2 a 14. Mandos y tapas de polímero. Presión máxima de trabajo 8 bar. Temperatura máx. 80°C.

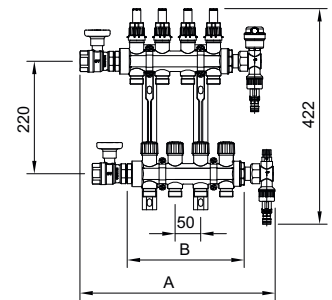
### Polymer manifold

PN 8. polymer body construction Pa66 + 30% GF. Brass thermostatic valve and conexions UNE-EN 12165. EPDM joints. Gas threaded ends (BSP) ISO 228/1. Conexions line, male 1", derivation connections male G3/4" euroconus. Derivation connections 2 up to 14 ways. Polymer hand wheels and caps. Maximum working pressure 8 bar. Maximum working temperature 80°C.

| Ways | R  | r    | A   | B   |
|------|----|------|-----|-----|
| 3    | 1" | 3/4" | 370 | 205 |
| 4    | 1" | 3/4" | 420 | 255 |
| 5    | 1" | 3/4" | 470 | 305 |
| 6    | 1" | 3/4" | 520 | 350 |
| 7    | 1" | 3/4" | 570 | 405 |
| 8    | 1" | 3/4" | 620 | 455 |
| 9    | 1" | 3/4" | 670 | 505 |
| 10   | 1" | 3/4" | 720 | 555 |
| 11   | 1" | 3/4" | 830 | 665 |
| 12   | 1" | 3/4" | 880 | 710 |
| 13   | 1" | 3/4" | 925 | 760 |
| 14   | 1" | 3/4" | 980 | 810 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|             |          |       |   |   |
|-------------|----------|-------|---|---|
| 71411 06 03 | 1"x 3/4" | 2.59  | - | - |
| 71411 06 04 | 1"x 3/4" | 2.97  | - | - |
| 71411 06 05 | 1"x 3/4" | 3.47  | - | - |
| 71411 06 06 | 1"x 3/4" | 4.04  | - | - |
| 71411 06 07 | 1"x 3/4" | 4.07  | - | - |
| 71411 06 08 | 1"x 3/4" | 4.305 | - | - |
| 71411 06 09 | 1"x 3/4" | 4.515 | - | - |
| 71411 06 10 | 1"x 3/4" | 4.404 | - | - |
| 71411 06 11 | 1"x 3/4" | 5.855 | - | - |
| 71411 06 12 | 1"x 3/4" | 6.055 | - | - |
| 71411 06 13 | 1"x 3/4" | 6.27  | - | - |
| 71411 06 14 | 1"x 3/4" | 0.001 | - | - |



Ref. 71410



### Colector de acero inoxidable

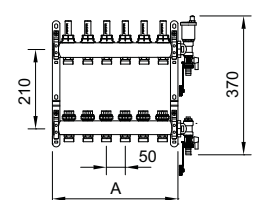
PN 6. Cuerpo en acero inoxidable AISI 304L. Válvulas termostatables y conexiones de latón según UNE-EN 12165. Juntas de EPDM. Extremos roscados rosca gas (BSP) ISO 228/1. Conexión en línea hembra G1", derivaciones laterales rosca macho G3/4" euroconus. Número de vías; 3 a 13. Mandos y tapas de polímero. Presión máxima de trabajo 6 bar. Temperatura máx. 70°C.

### Stainless steel manifold

PN 6. Body construction stainless steel AISI 304L. Brass thermostatic valve and conexions UNE-EN 12165. EPDM joints. Gas threaded ends (BSP) ISO 228/1. Conexions line, male 1", derivation connections male G3/4" euroconus. Derivation connections 3 up to 13 ways. Polymer hand wheels and caps. Maximum working pressure 6 bar. Maximum working temperature 70°C.

| Ways | R  | r    | A   |
|------|----|------|-----|
| 3    | 1" | 3/4" | 180 |
| 4    | 1" | 3/4" | 230 |
| 5    | 1" | 3/4" | 280 |
| 6    | 1" | 3/4" | 330 |
| 7    | 1" | 3/4" | 380 |
| 8    | 1" | 3/4" | 430 |
| 9    | 1" | 3/4" | 480 |
| 10   | 1" | 3/4" | 530 |
| 11   | 1" | 3/4" | 580 |
| 12   | 1" | 3/4" | 630 |
| 13   | 1" | 3/4" | 680 |

|             |          |       |     |   |
|-------------|----------|-------|-----|---|
| 71410 06 03 | 1"x 3/4" | 0.001 | 1-1 | - |
| 71410 06 04 | 1"x 3/4" | 4.1   | 1-1 | - |
| 71410 06 05 | 1"x 3/4" | 0.001 | 1-1 | - |
| 71410 06 06 | 1"x 3/4" | 0.001 | 1-1 | - |
| 71410 06 07 | 1"x 3/4" | 0.001 | 1-1 | - |
| 71410 06 08 | 1"x 3/4" | 6.1   | 1-1 | - |
| 71410 06 09 | 1"x 3/4" | 0.001 | 1-1 | - |
| 71410 06 10 | 1"x 3/4" | 6.272 | 1-1 | - |
| 71410 06 11 | 1"x 3/4" | 6.415 | 1-1 | - |
| 71410 06 12 | 1"x 3/4" | 7.166 | 1-1 | - |
| 71410 06 13 | 1"x 3/4" | 7.526 | 1-1 | - |





| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 70224



### Racor tubo multicapa Euroconus rosca G3/4"

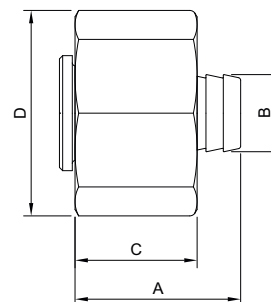
Construcción en latón. Tuerca niquelada. Cierre de elastomero. Rosca hembra gas (BSP) G3/4" según ISO 228/1. Temperatura máxima de trabajo 95°C. Presión máxima de trabajo 10 bar

### Euroconus multilayer pipe fitting G3/4" threaded

Brass construction. Nickel plated nut. Elastomer sealing. Female gas (BSP) thread G3/4". Maximum working temperature 95°C. Maximum working pressure 10 bar

| Medida tubo/ Pipe Size | A  | B  | C  | D  |
|------------------------|----|----|----|----|
| Ø16x2                  | 26 | 12 | 19 | 30 |

|             |         |       |        |   |
|-------------|---------|-------|--------|---|
| 70224 16 00 | Ø16 x 2 | 0.078 | 10-300 | - |
|-------------|---------|-------|--------|---|



Ref. 70246



### LLave para racor rosca Euroconus

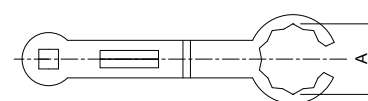
Llave con conexión angular para apretar fácilmente en montaje en cualquier posición. Para racor Euroconus G3/4" gas (BSP) según ISO 228/1.

### Spanner for fitting Euroconus

Angled connection spanner for easily tighten fittings in any position. For Euroconus G3/4" gas threaded (BSP) ISO 228/1.

|   |    |
|---|----|
| A | 30 |
|---|----|

|             |       |     |   |   |
|-------------|-------|-----|---|---|
| 70246 00 00 | Ch 30 | 0.1 | 1 | - |
|-------------|-------|-----|---|---|



Ref. K3046B - K3046R



### Kit conector colector agua fría (K3046B) y agua caliente (K3046R)

Consta de tres partes principales, la válvula de esfera, el conector y el termómetro. PN 25. Paso total. Construcción en latón según UNE-EN 12165 cromado. Juntas de NBR. Extremos roscados rosca gas (BSP) ISO 228/1. Termómetro bimetalico de rango 0-80°C. Presión máxima de trabajo 25 bar. Temperatura máx. 80°C. Mando manual por palomilla de aluminio color azul (K3046B) y palomilla color rojo (K3046R).

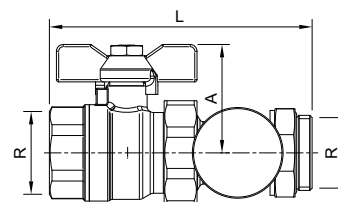
### Connector kit for manifold cold water (K3046B) and hot water (K3046R)

Consists of three main parts, the ball valve, the connector and the thermometer. PN 25. Full bore. Body chrome-plated brass UNE-EN 12165. NBR joints. Gas threaded ends (BSP) ISO 228/1. Bimetallic thermometer range 0-80°C. Maximum working pressure 25 bar. Maximum working temperature 80°C. Blue aluminium butterfly handle (K3046B) and red butterfly handle (K3046R).

| R  | P  | L   | A  |
|----|----|-----|----|
| 1" | 25 | 118 | 48 |

|        |    |       |      |   |
|--------|----|-------|------|---|
| K3046B | 1" | 0.535 | 1-32 | - |
|--------|----|-------|------|---|

|        |    |       |      |   |
|--------|----|-------|------|---|
| K3046R | 1" | 0.535 | 1-32 | - |
|--------|----|-------|------|---|



Ref. 7141B - 7141R

NEW



### Válvula de esfera con termómetro para colector agua fría (7141B) y caliente (7141R)

PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Asientos PTFE. Extremos roscados ISO 228/1. Termómetro bimetalico de rango 0-80°C. Temp. máx. 80°C. Mando manual por volante de ABS color azul (7141B) y rojo (7141R).

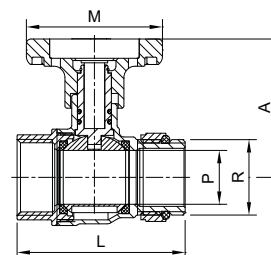
### Ball valve with thermometer for cold water (7141B) and hot water (7141R) manifold

PN 25. Full bore. Body chrome-plated brass UNE-EN 12165. PTFE seats. Threaded ends ISO 228/1. Bimetallic thermometer range 0-80°C. Max. temp. 80°C. ABS manual handle, blue (7141B) and red (7141R).

| R  | P  | A  | L  | M  |
|----|----|----|----|----|
| 1" | 25 | 61 | 74 | 60 |

|             |    |       |      |   |
|-------------|----|-------|------|---|
| 7141B 06 00 | 1" | 0.402 | 1-32 | - |
|-------------|----|-------|------|---|

|             |    |       |      |   |
|-------------|----|-------|------|---|
| 7141R 06 00 | 1" | 0.403 | 1-32 | - |
|-------------|----|-------|------|---|



Ref. 70306



**Actuador electrotermico**

Alimentación: 24V / 220-240V (±10%) 50-60 Hz. P=1,2W. Construcción en polímero ignífugo, cable de 2 hilos, funda de PVC. Posición de la válvula n/c. Clase de protección IP54. Temperatura ambiente máx. de trabajo 60°C. Temperatura máx. del fluido 100°C. Presión máx. de trabajo 10 bar.

**Electrothermal actuator**

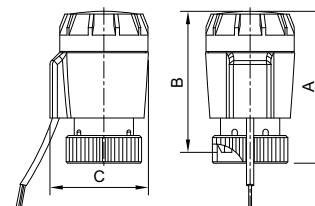
Power supply: 24V / 220-240V (±10%) 50-60 Hz. P=1,2W. Fireproof polymer construction. Two wire cable with PVC cover. Normally closed valve position. Protection class IP54. Max. working ambient temperature 60°C. Max. fluid temperature 100°C. Max. working pressure 10 bar.

| Ref.        | Alimentación/<br>Power supply |
|-------------|-------------------------------|
| 70306 00 02 | 220/230 V                     |
| 70306 00 12 | 24 V                          |

| A  | B  | C  |
|----|----|----|
| 67 | 62 | 43 |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

|             |           |      |       |   |
|-------------|-----------|------|-------|---|
| 70306 00 02 | M30 x 1,5 | 0.16 | 1-100 | - |
| 70306 00 12 | M30 x 1,5 | 0.16 | 1-100 | - |



Ref. 73189



**Actuador electrotermico con microinterruptor auxiliar**

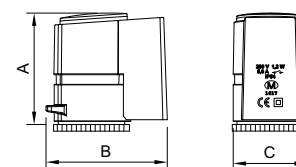
Alimentación: 220-240V (±10%) 50-60 Hz. P=1,2W. Construcción en polímero ignífugo, cable de 4 hilos, funda de PVC. Posición de la válvula n/c. Clase de protección IP54. Temperatura ambiente máx. de trabajo 60°C. Presión máx. de trabajo 10 bar.

**Electrothermal actuator with auxiliar microswitch**

Power supply: 220-240V (±10%) 50-60 Hz. P=1,2W. Fireproof polymer construction. 4 wire cable with PVC cover. Normally closed valve position. Protection class IP54. Max. environment working temperature 60°C. Max. working pressure 10 bar.

| A  | B  | C  |
|----|----|----|
| 60 | 59 | 36 |

|             |           |       |       |   |
|-------------|-----------|-------|-------|---|
| 73189 00 42 | M30 x 1,5 | 0.158 | 1-100 | - |
|-------------|-----------|-------|-------|---|



Ref. 72606



**Caja metalica para colectores componibles**

Caja de inspección con cuerpo de acero galvanizado. Tapa extraible de material plástico pintable. Con guías móviles. Profundidad regulable 80 - 150 mm.

**Metal box for modular manifold**

Metal galvanized box. Removable cover of paintable plastic. With mobile bracket guides inside. Adjustable depth 80 - 150 mm.

|             |          |       |   |   |
|-------------|----------|-------|---|---|
| 72606 40 02 | 400x500  | 4.55  | 1 | - |
| 72606 60 02 | 500x600  | 4.733 | 1 | - |
| 72606 80 02 | 500x800  | 5.96  | 1 | - |
| 72606 10 02 | 500x1000 | 6.86  | 1 | - |

Ref. 72190



**Bridas metalicas para colectores**

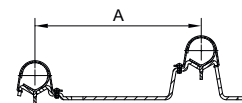
Par de bridas de acero para fijar los colectores en cajas metalicas. Distancia entre centros 220 mm.

**Steel brackets for manifold**

Pair of steel brackets to fixing the manifolds in metal boxes. Center distances 220 mm.

| A   |
|-----|
| 220 |

|             |    |       |      |   |
|-------------|----|-------|------|---|
| 72190 06 00 | 1" | 0.682 | 1-20 | - |
|-------------|----|-------|------|---|



Ref. 73827

NEW



**Caja de plastico para colectores componibles de latón**

Caja para colectores en material plastico. Tapa extraible de material plástico pintable. Posibilidad de empotrar o dejar a ras de pared. Profundidad regulable 80-92 mm. Altura máxima regulable 35mm. Soportes para la fijación de los colectores suministrados por separado: ref 71942 05 00(3/4") y 71942 06 00 (1")

**Plastic box for brass modular manifold**

Plastic box. Removable cover of paintable plastic. Possibility of flush wall installation. Adjustable depth 80-92 mm. Height adjustable 35mm. Brackets for fixing the manifolds supplied separately: ref 71942 05 00(3/4") and 71942 06 00 (1")

|             |         |     |   |   |
|-------------|---------|-----|---|---|
| 73827 29 00 | 270x290 | 1   | 1 | - |
| 73827 39 00 | 270x390 | 1.3 | 1 | - |
| 73827 49 00 | 270x490 | 1.6 | 1 | - |

## Válvulas equilibrado

### Balancing valves



La válvula de equilibrado es un dispositivo con la función de ajuste y medida del fluido en tránsito, sea frío o caliente, para sistemas abiertos o cerrados con las siguientes ventajas:

1. Mantiene el caudal dentro del valor deseado dentro de un amplio intervalo de presión diferencial entre aguas arriba y aguas abajo.
2. Ajuste micrométrico del fluido en tránsito.
3. Indicador de calibración mediante volante graduado.
4. No requiere mantenimiento.

The balancing valve is a single component device having adjustment functions and that measures cold and hot fluids transiting inside closed and open systems with following advantages:

1. Maintaining a constant flow rate at the device value, within a differential pressure range between upstream and downstream
2. Micrometric adjustment of the fluid in transit.
3. Calibration indicator by graduated handwheel.
4. Does not require maintenance.

Ref. 3074 - T3074



#### Válvula equilibrado estático

PN16. Construcción cuerpo y componentes internos en latón UNE-EN 12165. Extremos rosca gas (BSP) H-H, ISO 228/1. Juntas de EPDM. Doble regulación. Tomas de presión G1/4" incluidas. Temperatura de trabajo -20°C a 120°C.

#### Static balancing valve

PN 16. Body brass construction UNE-EN 12165. Gas threaded ends (BSP) ISO 228/1. EPDM sealing. Double regulation. Pressure inlets G1/4" included. Working temperature -20°C a 120°C.

#### Tomas de presión para válvula de equilibrado

Toma de presión para válvula de equilibrado 3074, para realizar la lectura indirecta del flujo de transferencia.

#### Pressure inlets for balancing valve

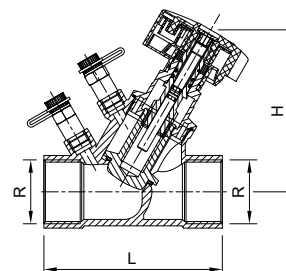
Inlet to be set up on threaded 3074 balancing valve, used for indirect reading of transfer flow rate.

| R      | L   | H   |
|--------|-----|-----|
| 1/2"   | 77  | 88  |
| 3/4"   | 92  | 90  |
| 1"     | 106 | 94  |
| 1 1/4" | 118 | 106 |
| 1 1/2" | 126 | 112 |
| 2"     | 150 | 123 |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

|         |        |       |      |   |
|---------|--------|-------|------|---|
| 3074 04 | 1/2"   | 0.581 | 1-20 | - |
| 3074 05 | 3/4"   | 0.622 | 1-20 | - |
| 3074 06 | 1"     | 0.688 | 1-20 | - |
| 3074 07 | 1 1/4" | 0.927 | 1-20 | - |
| 3074 08 | 1 1/2" | 1.287 | 1-6  | - |
| 3074 09 | 2"     | 1.9   | 1-6  | - |

|       |      |       |   |   |
|-------|------|-------|---|---|
| T3074 | 1/4" | 0.066 | 1 | - |
|-------|------|-------|---|---|



Ref. 2228 - T2228



**Válvula de equilibrado estático – Bridas DIN PN 16**

Const. cuerpo y bonete fundición nodular GGG-40.  
Eje acero inoxidable. Cierre en EPDM.  
Orificio variable. Doble regulación.  
Temperatura de trabajo -10°C +120°C.

**Static balancing valve – Flanged ends DIN PN 16**

Body and bonnet of ductil iron GGG-40.  
Stainless steel stem. Sealing: EPDM.  
Variable orifice. Double regulation.  
Working temperature -10°C +120°C.

**Tomas de presión para válvula de equilibrado**

Toma de presión para válvula de equilibrado 2228, para realizar la lectura indirecta del flujo de transferencia.

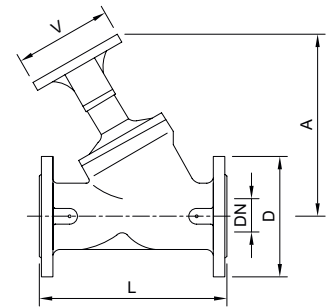
**Pressure inlets for balancing valve**

Inlet to be set up on threaded 2228 balancing valve, used for indirect reading of transfer flow rate.

| MED.   | DN  | D   | L   | A   | V   |
|--------|-----|-----|-----|-----|-----|
| 2"     | 50  | 165 | 230 | 276 | 180 |
| 2 1/2" | 65  | 185 | 290 | 308 | 180 |
| 3"     | 80  | 200 | 310 | 320 | 180 |
| 4"     | 100 | 220 | 350 | 340 | 180 |
| 5"     | 125 | 250 | 400 | 375 | 180 |
| 6"     | 150 | 285 | 480 | 410 | 180 |
| 8"     | 200 | 340 | 600 | 550 | 350 |
| 10"    | 250 | 405 | 730 | 590 | 350 |
| 12"    | 300 | 460 | 850 | 678 | 450 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 2228 09     | 2"          | 11.765      | 1                 | -                |
| 2228 10     | 2 1/2"      | 16.003      | 1                 | -                |
| 2228 11     | 3"          | 19.313      | -                 | -                |
| 2228 12     | 4"          | 26.025      | -                 | -                |
| 2228 13     | 5"          | 40.189      | -                 | -                |
| 2228 14     | 6"          | 55.522      | -                 | -                |
| 2228 16     | 8"          | 107.024     | -                 | -                |
| 2228 18     | 10"         | 149.187     | -                 | -                |
| 2228 20     | 12"         | 217.667     | -                 | -                |

|       |      |      |   |   |
|-------|------|------|---|---|
| T2228 | 1/4" | 0.15 | - | - |
|-------|------|------|---|---|



Ref. 73717A



**Unidad Fan Coil Motorizada (FCU)**

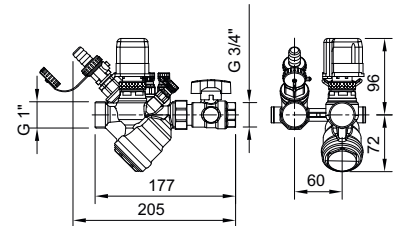
PN25. Construcción en latón DZR, según UNE-EN 12165. Asientos PTFE y EPDM PEROXIDO. Extremos rosca gas (BSP) ISO 228/1. Rango de temp. eratura -10°C a 120°C. La unidad FCU se compone de una válvula de control PICV motorizada, un filtro tamiz de 800 micras con punto de drenaje, vavlvulas de aislamiento con by-pass y una estación Venturi con tomas de presión P/T.

**Motorized Fan Coil Unit (FCU)**

PN 25. DZR brass construction UNE-EN 12165. PTFE and EPDM PEROX seats. Gas threaded ends (BSP) ISO 228/1. Temperature range -10°C to 110°C. The FCU has composed by PICV control valve with actuator, 800 microns filter with flushing, by pass isolation valves and a venturi metering station with P/T plugs.

| CODIGO       | Caudal / Flow (l/h) |
|--------------|---------------------|
| 73717A 05 00 | 400                 |
| 73717A 05 10 | 700                 |
| 73717A 05 20 | 1300                |

|              |      |       |   |   |
|--------------|------|-------|---|---|
| 73717A 05 00 | 3/4" | 2.131 | 1 | - |
| 73717A 05 10 | 3/4" | 2.131 | 1 | - |
| 73717A 05 20 | 3/4" | 2.131 | 1 | - |



Ref. 73717M



**Unidad Fan Coil Manual (FCU)**

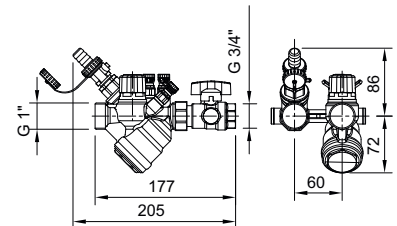
PN25. Construcción en latón DZR, según UNE-EN 12165. Asientos PTFE y EPDM PEROXIDO. Extremos rosca gas (BSP) ISO 228/1. Rango de temp. eratura -10°C a 120°C. La unidad FCU se compone de una válvula manual, un filtro tamiz de 800 micras con punto de drenaje, vavlvulas de aislamiento con by-pass y una estación Venturi con tomas de presión P/T.

**Manual Fan Coil Unit (FCU)**

PN 25. DZR brass construction UNE-EN 12165. PTFE and EPDM PEROX seats. Gas threaded ends (BSP) ISO 228/1. Temperature range -10°C to 110°C. The FCU has composed by manual valve, 800 microns filter with flushing, by pass isolation valves and a venturi metering station with P/T plugs.

| CODIGO       | Caudal / Flow (l/h) |
|--------------|---------------------|
| 73717M 05 00 | 400                 |
| 73717M 05 10 | 700                 |
| 73717M 05 20 | 1300                |

|              |      |       |   |   |
|--------------|------|-------|---|---|
| 73717M 05 00 | 3/4" | 2.131 | 1 | - |
| 73717M 05 10 | 3/4" | 2.131 | 2 | - |
| 73717M 05 20 | 3/4" | 2.131 | 1 | - |





Ref. 70874 - 78454



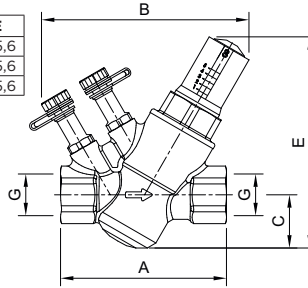
**Válvula de equilibrado dinámico**

PN 16. Construcción en latón s/UNE-EN 12165. Cartucho de polímero con membrana de EPDM. Extremos rosca gas (BSP) H - H s/ISO 228/1. Indicador mediante escala graduada. Tomas de presión roscadas G1/8" hembra. Temperatura de trabajo de - 20°C a 120°C. Aplicación con agua y agua + glicol (50%).

**Dynamic balancing valve**

PN 16. Brass construction acc/UNE-EN 12165. Polymer cartridge with EPDM diaphragm. Threaded ends gas (BSP) F - F acc/ISO 228/1. Indicator with graduated scale. Pressure taps connection G1/8" female. Working temperature from - 20°C to 120°C. Appliance with water & water + glycol (50%).

| R    | A    | B   | C    | E     |
|------|------|-----|------|-------|
| 1/2" | 83   | 104 | 26,6 | 105,6 |
| 3/4" | 95,1 | 106 | 26,6 | 105,6 |
| 1"   | 102  | 100 | 26,6 | 105,6 |



**Cartuchos para válvula de equilibrado (art. 70874)**

Cartuchos regulables para válvula de equilibrado

**Cartridge for balancing valve (art. 70874)**

Cartridge for automatic flow control valve



| Ref.        | Color                   | Rango caudal / Flow rate (m3/h) |
|-------------|-------------------------|---------------------------------|
| 78454 05 00 | Negro/ Black            | 0,100 - 0,412                   |
| 78454 15 00 | Verde / Green           | 0,157 - 0,609                   |
| 78454 25 00 | Rojo Blanco / Red White | 0,275 - 0,825                   |
| 78454 55 00 | Rojo Gris / Red Grey    | 0,406 - 1,270                   |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 70874 04 10 | 1/2"        | 0.495       | 1-20              | -                |
| 70874 04 20 | 1/2"        | 0.495       | 1-20              | -                |
| 70874 04 30 | 1/2"        | 0.495       | 1-20              | -                |
| 70874 04 40 | 1/2"        | 0.495       | 1-20              | -                |
| 70874 05 10 | 3/4"        | 0.57        | 1-20              | -                |
| 70874 05 20 | 3/4"        | 0.57        | 1-20              | -                |
| 70874 05 30 | 3/4"        | 0.57        | 1-20              | -                |
| 70874 05 40 | 3/4"        | 0.527       | 1-20              | -                |
| 70874 06 10 | 1"          | 0.635       | 1-9               | -                |
| 70874 06 20 | 1"          | 0.635       | 1                 | -                |
| 70874 06 30 | 1"          | 0.635       | 1                 | -                |
| 70874 06 40 | 1"          | 0.635       | 1                 | -                |
| 78454 05 00 | -           | 0.06        | 1                 | -                |
| 78454 15 00 | -           | 0.06        | 1                 | -                |
| 78454 25 00 | -           | 0.06        | 1                 | -                |
| 78454 55 00 | -           | 0.06        | 1                 | -                |

Ref. 72961



**Llave para regulación de cartuchos válvula de equilibrado (art. 70874)**

Permite ajustar el ratio de caudal deseado de los cartuchos regulables en la válvula de equilibrado

**Spanner for cartridge adjustment. for balancing valve (art. 70874)**

It allows adjusting the flow rate to the desired value by acting on the cartridge of balancing valve

|             |   |       |      |   |
|-------------|---|-------|------|---|
| 72961 00 00 | - | 0.008 | 1-48 | - |
|-------------|---|-------|------|---|

Ref. 79320



**Kit de dos agujas para la medición de presión en válvulas de equilibrado**

Cuerpo adaptador construido en latón. Agujas de acero. Conexión roscada G1/8" hembra ISO 228. Máx. presión de trabajo 16 bar. Máx. temperatura de trabajo 120°C

**2 Needle Kit to measure pressure on balancing valves**

Adapters brass body. Steel needle. G1/8" female threaded end ISO 228. Max. working pressure 16 bar. Max. working temperature 120°C

|             |      |       |   |   |
|-------------|------|-------|---|---|
| 79320 00 00 | 1/8" | 0.036 | 1 | - |
|-------------|------|-------|---|---|

Ref. 73566



**Equipo electrónico para medición de la presión diferencial**

Equipo electrónico para la medición de la presión diferencial por lectura directa del valor de caudal y la presión en circuitos hidráulicos. Baterías incluidas. Estuche con kit para la conexión a tomas piezométricas.

**Electronic differential pressure measuring device**

Electronic differential pressure measuring instrument suitable for the direct reading of flow rate and pressure valve on water circuits. Battery power supply. Complete with case and kits for connection to piezometric sockets.

|             |   |   |   |   |
|-------------|---|---|---|---|
| 73566 00 00 | - | 5 | 1 | - |
|-------------|---|---|---|---|

Ref. 3073 - 70621



**Válvula de equilibrado estático**

PN 20. Construcción cuerpo y componentes internos en latón. Juntas VITON. Extremos rosca gas (BSP) H-H, ISO 228/1. Toma de presión G 1/8" H. Temperatura trabajo de -30°C a 120°C.

**Static balancing valve**

PN 20. Brass construction of body and inner components. Gas threaded ends (BSP) F-F, ISO 228/1. Pressure taps connection G 1/8" F. Working temperature from -30°C to 120°C.

**Tomas de presión para válvula de equilibrado**

Toma de presión para válvulas de equilibrado 3073 y 70874, para realizar la lectura indirecta del flujo de transferencia.

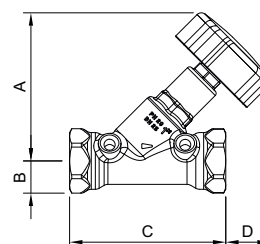
**Pressure inlets for balancing valve**

Inlet to be set up on threaded 3073 and 70874 balancing valves, used for indirect reading of transfer flow rate.

| R      | A    | B    | C     | D    |
|--------|------|------|-------|------|
| 1/2"   | 84   | 15   | 96    | 22   |
| 3/4"   | 85,6 | 17,8 | 97    | 21,5 |
| 1"     | 98   | 21,3 | 103,3 | 29,5 |
| 1 1/4" | 101  | 28   | 111   | 29   |
| 1 1/2" | 107  | 31   | 120   | 27   |
| 2"     | 115  | 37   | 132   | 21,9 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3073 04     | 1/2"        | 0.415       | 1-12              | -                |
| 3073 05     | 3/4"        | 0.437       | 1-12              | -                |
| 3073 06     | 1"          | 0.675       | 1-9               | -                |
| 3073 07     | 1 1/4"      | 0.93        | 1-7               | -                |
| 3073 08     | 1 1/2"      | 1.18        | 1-4               | -                |
| 3073 09     | 2"          | 1.55        | 1-8               | -                |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70621 01 50 | 1/8" | 0.001 | 10-250 | - |
|-------------|------|-------|--------|---|



Ref.1441

NEW



**Mezclador termostático con cartucho intercambiable**

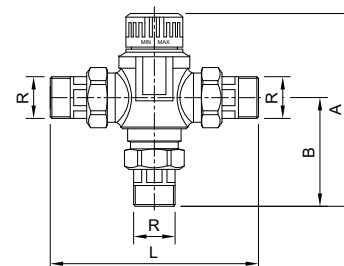
Construcción en latón UNE-EN 12165. Elementos de estanqueidad internos EPDM Perox. Sistema de bloqueo de seguridad anti-escaldo según EN 1111. Extremos rosca gas (BSP) M-M - ISO 228/1. Temp.máx. entrada 85°C. Temp. fijada de fabrica 48°C. Campo de regulación 30-65°C.

**Thermostatic Mixing valve with interchangeable cartridge**

Brass construction UNE-EN 12165. EPDM Perox internal seals. Anti-scalding security system according to EN 1111 standard. Gas threaded ends (BSP) M-M, ISO 228/1. Max. inlet temperature 85°C. Pre-set temperature 48°C. Control range 30+65°C.

| R      | A   | B   | L   |
|--------|-----|-----|-----|
| 1/2"   | 180 | 98  | 177 |
| 3/4"   | 180 | 98  | 177 |
| 1"     | 195 | 100 | 191 |
| 1 1/4" | 204 | 109 | 208 |
| 1 1/2" | 254 | 137 | 257 |
| 2"     | 254 | 137 | 257 |

|         |        |      |   |   |
|---------|--------|------|---|---|
| 1441 04 | 1/2"   | 1.02 | 1 | - |
| 1441 05 | 3/4"   | 1.35 | 1 | - |
| 1441 06 | 1"     | 2.51 | 1 | - |
| 1441 07 | 1 1/4" | 2.47 | 1 | - |
| 1441 08 | 1 1/2" | 3.81 | 1 | - |
| 1441 09 | 2"     | 5.58 | 1 | - |



Ref.1443P

NEW



**Mezclador termostático para equipos centralizados**

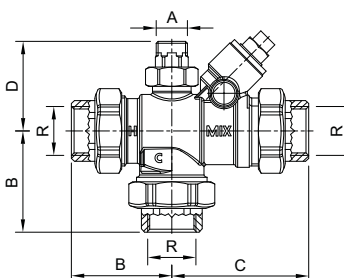
Cuerpo construcción en latón UNE-EN 1982. Partes internas UNE-EN 12164. Elementos de estanqueidad internos EPDM Perox. Muelle de acero inoxidable. Extremos rosca gas (BSP) ISO 228/1. Temperatura max. de entrada 90°C. Mínimo ΔT entre entrada y salida 10°C. Rango de regulación 35+65°C. Máxima presión estática 10 bar. Máxima presión dinámica 5 bar.

**Thermostatic Mixing valve for centralized systems**

Body made in brass construction UNE-EN 1982. Internal parts UNE-EN 12165. EPDM Perox internal seals. Stainless steel spring. Gas threaded ends (BSP) ISO 228/1. Max. inlet temperature 90°C. Min. ΔT between inlet and outlet 10°C. Control range 35+65°C. Max. static pressure 10 bar. Max. dynamic pressure 5 bar.

| R      | A    | B    | C    | D    |
|--------|------|------|------|------|
| 3/4"   | 3/8" | 64,5 | 84,5 | 60,5 |
| 1"     | 1/2" | 69   | 93   | 61   |
| 1 1/4" | 1/2" | 83   | 109  | 66   |
| 1 1/2" | 1/2" | 93   | 127  | 75   |
| 2"     | 1/2" | 119  | 159  | 85   |

|          |        |      |   |   |
|----------|--------|------|---|---|
| 1443P 05 | 3/4"   | 1.56 | 1 | - |
| 1443P 06 | 1"     | 1.89 | 1 | - |
| 1443P 07 | 1 1/4" | 2.37 | 1 | - |
| 1443P 08 | 1 1/2" | 2.84 | 1 | - |
| 1443P 09 | 2"     | 3.79 | 1 | - |



Ref.71200

NEW

### Válvula anti condensación

PN 10. Construcción en latón UNE-EN 12165. Elementos de estanqueidad internos EPDM Perox. Muelle de acero inoxidable. Extremos rosca gas (BSP) M-M - ISO 228/1. Temp.máxima de entrada 100°C. Diferencia max. de presión: mix 1 bar, desviación 0,3 bar.

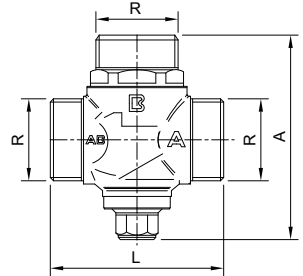
#### Anti condensation valve

PN 10. Brass construction UNE-EN 12165. EPDM Perox internal seals. Stainless steel spring. Gas threaded ends (BSP) M-M, ISO 228/1. Max. inlet temperature 100°C. Maximum difference pressure: mix 1 bar; deviation 0.3 bar.



| R    | A  | L  |
|------|----|----|
| 3/4" | 82 | 70 |
| 1"   | 82 | 70 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 71200 05 05 | 3/4" x 3/4" | 0.28        | 1                 | -                |
| 71200 06 06 | 1" x 1"     | 0.3         | 1                 | -                |



Ref.71202

NEW

### Válvula anti congelación

PN 10. Construcción en latón UNE-EN 12165. Elementos de estanqueidad internos EPDM Perox. Muelle de acero inoxidable. Extremos rosca gas (BSP) M-M - ISO 228/1. Temp.de apertura 3°C. Temp.de cierre 4°C. Rango de temp. de trabajo 0 - 65°C.

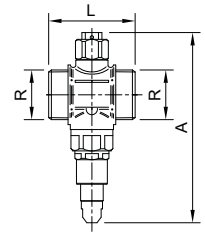
#### Antifreeze valve

PN 10. Brass construction UNE-EN 12165. EPDM Perox internal seals. Stainless steel spring. Gas threaded ends (BSP) M-M, ISO 228/1. Opening temperature 3°C. Closing temp. 4°C. Working temp. range 0 - 65°C.



| R      | A     | L  |
|--------|-------|----|
| 1"     | 127,5 | 58 |
| 1 1/4" | 127,5 | 58 |

|             |        |       |   |   |
|-------------|--------|-------|---|---|
| 71202 06 00 | 1"     | 0.389 | 1 | - |
| 71202 07 00 | 1 1/4" | 0.381 | 1 | - |



Ref.71204

NEW

### Grupo de distribución con regulación termostática

PN 10. Construcción en latón UNE-EN 1982. Elementos de estanqueidad internos EPDM Perox. Muelle de acero inoxidable. Extremos rosca gas (BSP) ISO 228/1. Temp.máxima de entrada 90°C. Mínimo  $\Delta T$  entre entrada y salida 10°C. Máxima presión estática 10 bar. Máxima presión dinámica 5 bar.

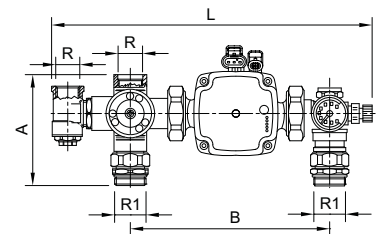
#### Distribution group with thermostatic regulation

PN 10. Brass construction UNE-EN 1982. EPDM Perox internal seals. Stainless steel spring. Gas threaded ends (BSP) ISO 228/1. Max. inlet temperature 90°C. Min.  $\Delta T$  between inlet and outlet 10°C. Max. static pressure 10 bar. Max. dynamic pressure 5 bar.



| R    | R1 | A   | B     | L   |
|------|----|-----|-------|-----|
| 3/4" | 1" | 118 | 212,5 | 343 |

|             |           |       |   |   |
|-------------|-----------|-------|---|---|
| 71204 05 06 | 3/4" x 1" | 4.063 | 1 | - |
|-------------|-----------|-------|---|---|



Ref.71206

NEW

### Válvula termostática mezcladora

PN 10. Construcción en latón UNE-EN 1982. Elementos de estanqueidad internos EPDM Perox. Muelle de acero inoxidable. Extremos rosca gas (BSP) ISO 228/1. Temp.máxima de entrada 90°C. Mínimo  $\Delta T$  entre entrada y salida 10°C. Máxima presión estática 10 bar. Máxima presión dinámica 5 bar.

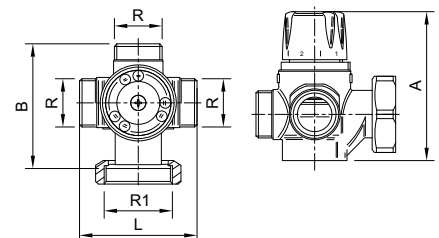
#### Thermostatic mixing valve

PN 10. Brass construction UNE-EN 1982. EPDM Perox internal seals. Stainless steel spring. Gas threaded ends (BSP) ISO 228/1. Max. inlet temperature 90°C. Min.  $\Delta T$  between inlet and outlet 10°C. Max. static pressure 10 bar. Max. dynamic pressure 5 bar.



| R  | R1     | A   | B  | L  |
|----|--------|-----|----|----|
| 1" | 1 1/2" | 113 | 87 | 82 |

|             |             |       |   |   |
|-------------|-------------|-------|---|---|
| 71206 06 07 | 1" x 1 1/2" | 1.064 | 1 | - |
|-------------|-------------|-------|---|---|





Ref. 71208

NEW

**Válvula termostática mezcladora**

PN 16. Construcción en latón DZR CW625N según UNE-EN 12165. Elementos de estanqueidad internos EPDM Perox. Muelle de acero inoxidable. Extremos rosca gas (BSP) ISO 228/1. Temperatura máxima de entrada 90°C.

**Thermostatic mixing valve**

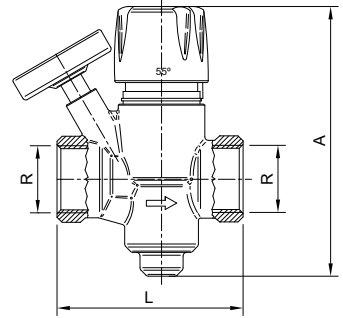
PN 16. Brass construction DZR CW625N UNE-EN 12165. EPDM Perox internal seals. Stainless steel spring. Gas threaded ends (BSP) ISO 228/1. Max. inlet temperature 90°C.

| R    | A   | L  |
|------|-----|----|
| 1/2" | 113 | 70 |
| 3/4" | 113 | 73 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 71208 04 00 | 1/2"        | 0.471       | 1                 | -                |
| 71208 05 00 | 3/4"        | 0.468       | 1                 | -                |

|             |      |       |   |   |
|-------------|------|-------|---|---|
| 71208 04 00 | 1/2" | 0.471 | 1 | - |
| 71208 05 00 | 3/4" | 0.468 | 1 | - |



Ref. 71212

NEW

**Regulador termostático multifunción**

PN 16. Construcción en latón DZR CW625N según UNE-EN 12165. Elementos de estanqueidad internos EPDM Perox. Muelle de acero inoxidable. Extremos rosca gas (BSP) ISO 228/1. Temperatura máxima de entrada 90°C. Máxima presión estática 10 bar. Máxima presión dinámica 5 bar.

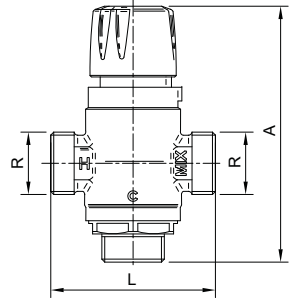
**Thermostatic mixing valve**

PN 16. Brass construction DZR CW625N acc. UNE-EN 12165. EPDM Perox internal seals. Stainless steel spring. Gas threaded ends (BSP) ISO 228/1. Max. inlet temperature 90°C. Max. static pressure 10 bar. Max. dynamic pressure 5 bar.

| R    | A     | L  |
|------|-------|----|
| 3/4" | 111,6 | 70 |



|             |      |       |   |   |
|-------------|------|-------|---|---|
| 71212 05 00 | 3/4" | 0.435 | 1 | - |
|-------------|------|-------|---|---|



Ref. 4790

**Válvula motorizada - zona 2 vías con cable de 2 hilos**

Construcción en latón. Extremos rosca GAS hembra ISO 228/1. Aplicación agua fría o caliente. Temperatura fluido <94°C. Temperatura ambiente <40°C. Tensiones 220-240 VAC (±10%) 50-60 Hz. Presión nominal 16 bar. Clase de protección IP20. Palanca para accionamiento manual con muelle de retorno.

**2 ways motorised - zone valve with 2 cores wire**

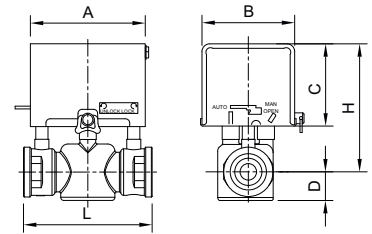
Brass construction. Female threaded ends ISO 228/1. Application cold or hot water. Fluid temperature <94°C. Environment temperature <40°C. Voltage 220-240 VAC (±10%) 50-60 Hz. Nominal pressure 16 bar. IP20 protection class. Manual operating lever with spring return.

| Med.    | A  | B  | C  | D  | H  | L  |
|---------|----|----|----|----|----|----|
| 4790 04 | 76 | 60 | 54 | 18 | 92 | 89 |
| 4790 05 | 76 | 60 | 54 | 18 | 92 | 93 |
| 4790 06 | 76 | 60 | 54 | 23 | 96 | 94 |



|         |      |       |      |   |
|---------|------|-------|------|---|
| 4790 04 | 1/2" | 0.773 | 1-20 | - |
| 4790 05 | 3/4" | 0.77  | 1-20 | - |
| 4790 06 | 1"   | 0.908 | 1-20 | - |

Recambio: art. 4795 / Spare parts: art. 4795



Ref. 4791

**Válvula motorizada - zona 3 vías con cable de 2 hilos**

Construcción en latón. Extremos rosca GAS hembra ISO 228/1. Aplicación agua fría o caliente. Temperatura fluido <94°C. Temperatura ambiente <40°C. Tensiones 220-240 VAC (±10%) 50-60 Hz. Presión nominal 16 bar. Clase de protección IP20. Palanca para accionamiento manual con muelle de retorno.

**3 ways motorised - zone valve with 2 cores wire**

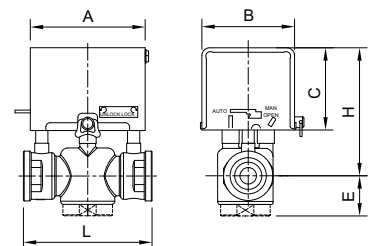
Brass construction. Female threaded ends ISO 228/1. Application cold or hot water. Fluid temperature <94°C. Environment temperature <40°C. Voltage 220-240 VAC (±10%) 50-60 Hz. Nominal pressure 16 bar. IP20 protection class. Manual operating lever with spring return.

| Med.    | A  | B  | C  | E    | H  | L  |
|---------|----|----|----|------|----|----|
| 4791 04 | 76 | 60 | 54 | 26,5 | 92 | 89 |
| 4791 05 | 76 | 60 | 54 | 26,5 | 92 | 93 |
| 4791 06 | 76 | 60 | 54 | 43   | 96 | 94 |



|         |      |       |      |   |
|---------|------|-------|------|---|
| 4791 04 | 1/2" | 0.808 | 1-20 | - |
| 4791 05 | 3/4" | 0.796 | 1-20 | - |
| 4791 06 | 1"   | 0.976 | 1-20 | - |

Recambio: art. 4795. / Spare parts: art. 4795





## Ref. 4792



### Válvula motorizada-zona 2 vías con cable de 5 hilos

Construcción en latón. Extremos rosca GAS hembra ISO 228/1. Aplicación agua fría o caliente. Temperatura fluido <94°C. Temperatura ambiente <40°C. Tensiones 220-240 VAC (±10%) 50-60 Hz. Presión nominal 16 bar. Clase de protección IP20. Palanca para accionamiento manual con muelle de retorno.

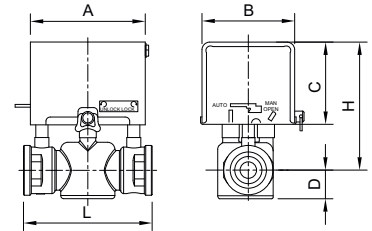
### 2 way motorized-zone valve with 5 cores wire

Brass construction. Female threaded ends ISO 228/1. Application cold or hot water. Fluid temperature <94°C. Environment temperature <40°C. Voltage 220-240 VAC (±10%) 50-60 Hz. Nominal pressure 16 bar. IP20 protection class. Manual operating lever with spring return.

| Med.    | A  | B  | C  | D  | H  | L  |
|---------|----|----|----|----|----|----|
| 4792 04 | 76 | 60 | 54 | 18 | 92 | 89 |
| 4792 05 | 76 | 60 | 54 | 18 | 92 | 93 |
| 4792 06 | 76 | 60 | 54 | 23 | 96 | 94 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4792 04     | 1/2"        | 0.873       | 1-20              | -                |
| 4792 05     | 3/4"        | 0.863       | 1-20              | -                |
| 4792 06     | 1"          | 0.1         | 1-20              | -                |

Recambio: art. 4795. / Spare parts: art. 4795



## Ref. 4793



### Válvula motorizada-zona 3 vías con cable de 5 hilos

Construcción en latón. Extremos rosca GAS hembra ISO 228/1. Aplicación agua fría o caliente. Temperatura fluido <94°C. Temperatura ambiente <40°C. Tensiones 220-240 VAC (±10%) 50-60 Hz. Presión nominal 16 bar. Clase de protección IP20. Palanca para accionamiento manual con muelle de retorno.

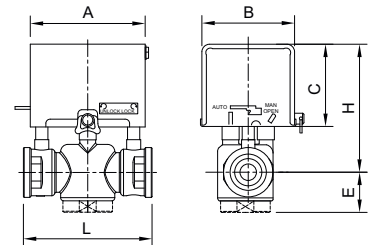
### 3 way motorized-zone valve with 5 cores wire

Brass construction. Female threaded ends ISO 228/1. Application cold or hot water. Fluid temperature <94°C. Environment temperature <40°C. Voltage 220-240 VAC (±10%) 50-60 Hz. Nominal pressure 16 bar. IP20 protection class. Manual operating lever with spring return.

| Med.    | A  | B  | C  | E    | H  | L  |
|---------|----|----|----|------|----|----|
| 4793 04 | 76 | 60 | 54 | 26,5 | 92 | 89 |
| 4793 05 | 76 | 60 | 54 | 26,5 | 92 | 93 |
| 4793 06 | 76 | 60 | 54 | 43   | 96 | 94 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 4793 04 | 1/2" | 0.915 | 1-20 | - |
| 4793 05 | 3/4" | 0.907 | 1-20 | - |
| 4793 06 | 1"   | 1.075 | 1-20 | - |

Recambio: art. 4795. / Spare parts: art. 4795



## Ref. 4795



### Recambio actuador para válvulas de zona-motorizadas

Recambio actuador para válvulas de zona-motorizadas. Tensiones 220-240 VAC (±10%) 50-60 Hz. Potencia 6.6 W. Temperatura ambiente <40°C. Clase de protección IP20. Palanca para accionamiento manual con muelle de retorno. Compatible para 1/2" - 3/4" - 1".

**4795 22:** 2 cables - 2 vías, para artículo 4790

**4795 23:** 2 cables - 3 vías, para artículo 4791

**4795 52:** 5 cables - 2 vías, para artículo 4792

**4795 53:** 5 cables - 3 vías, para artículo 4793

### Motorized-zone valve actuator spare part

Motorized-zone valve actuator spare part. Voltage 220-240 VAC (±10%) 50-60 Hz. Power 6.6 W. Environment temperature <40°C. IP20 protection class. Manual operating lever with spring return. Available to 1/2" - 3/4" - 1".

**4795 22:** 2 wire - 2 way, to article 4790

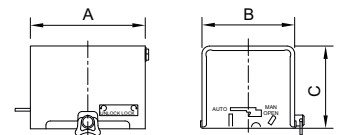
**4795 23:** 2 wire - 3 way, to article 4791

**4795 52:** 5 wire - 2 way, to article 4792

**4795 53:** 5 wire - 3 way, to article 4793

| A  | B  | C  |
|----|----|----|
| 76 | 60 | 54 |

|         |   |       |   |   |
|---------|---|-------|---|---|
| 4795 22 | - | 0.427 | 1 | - |
| 4795 23 | - | 0.427 | 1 | - |
| 4795 52 | - | 0.529 | 1 | - |
| 4795 53 | - | 0.529 | 1 | - |



## Ref. 6085



### Contador de calorías

Los contadores de energía térmica de tipo compacto se utilizan para la contabilización del consumo de la energía térmica en aplicaciones de calefacción. Compuesto de unidad de cálculo de consumo energético, display de visualización de 8 dígitos, teclado de interacción usuario, contador de chorro único con la sonda de retorno insertada en el propio cuerpo del contador y sondas PT500 Ø 5 mm. Red de comunicación M-bus. Certificado MID (2004/22/CE).

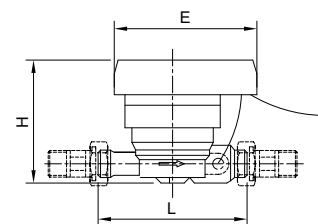
Instalación del contador en la tubería de retorno. Montaje en horizontal o vertical. PN10 bar. IP54. Alimentación por batería de litio 3 V. Longitud del cable sonda 1,5 m. Rango de temperatura de fluido desde 15°C a 90°C.

### Thermal energy meter

The compact thermal energy meters are used to score the thermal energy consumption in a heating installations. Components: Energetic consumption calculation unit, 8 digits display, keyboard user, single jet meter with return probe inserted into the body's meter and PT500 Ø 5 mm probes. M-bus communication net. MID (2004/22/CE) Certificate.

Meter installation on the return pipe. Horizontal or vertical mounting. PN10 bar. IP54. Lithium battery power supply. 1.5 m probe cable length. Flow temperatures range from 15°C to 90°C.

|         |              |       |   |   |
|---------|--------------|-------|---|---|
| 6085 05 | DN 15 - 3/4" | 0.794 | 1 | - |
|---------|--------------|-------|---|---|



# GE-SMART

Termostato Touch +  
Receptor Wifi  
Cabezales Termostáticas +  
Receptor Wifi  
Touch Thermostatic +  
Wifi Gateway  
Thermostatic Head +  
Wifi Gateway



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 3930K

### Termostato Touch + Receptor Wifi "GE-SMART"

El kit consta del termostato de calefacción touch art. 3930 i el receptor WIFI art. 3932.

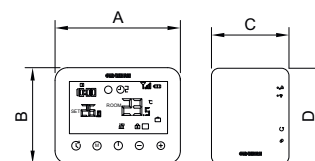
|       |   |      |      |   |
|-------|---|------|------|---|
| 3930K | - | 0.35 | 1-22 | - |
|-------|---|------|------|---|



### Touch Thermostat + Wifi Gateway "GE-SMART"

Kit with touch thermostatic art. 3930 and WIFI gateway art. 3932.

| A   | B  | C  | D  |
|-----|----|----|----|
| 125 | 98 | 78 | 98 |



Ref. 3931K

### Cabezal Termostático + Receptor Wifi "GE-SMART"

El kit consta del cabezal termostatico art. 3931 i el receptor WIFI art. 3932.

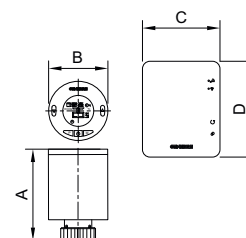
|       |   |       |      |   |
|-------|---|-------|------|---|
| 3931K | - | 0.315 | 1-25 | - |
|-------|---|-------|------|---|



### Thermostatic head + "GE-SMART" WIFI Gateway

Kit with thermostatic head art. 3931 and WIFI gateway art. 3932.

| A  | B  | C  | D  |
|----|----|----|----|
| 83 | 55 | 78 | 98 |



Ref. 3932

### Receptor Wifi "GE-SMART"

Alimentación: Micro USB 5V (1A) mediante cable adaptador de red 230VAC. Conectividad WIFI. IP30. Temperatura ambiente: 5-50°C. Receptor WIFI conectado a 2,4 GHz. Dimensiones: 78 x 98 x 28 mm.

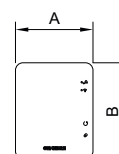
|         |   |      |      |   |
|---------|---|------|------|---|
| 3932 00 | - | 0.15 | 1-45 | - |
|---------|---|------|------|---|



### "GE-SMART" WIFI gateway

Power supply micro USB 5V (1A) conection via 230V adapter. WIFI connectivity. IP30. Ambient temperature range: 5-50°C. WIFI gateway connected 2,4 GHz. Dimensions: 78 x 98 x 28 mm.

| A  | B  |
|----|----|
| 78 | 98 |



Ref. 3930

### Termostato Touch "GE-SMART"

Alimentación: 2 baterías 1,5V, tipo AA o con cable micro USB 5V (1A). Conectividad WIFI. Rango de contacto 250VAC-0,25A. IP30. Rango temperatura regulación: 5-35°C. Diferencial termico ± 0,5 °C. Pantalla LCD táctil retro iluminada. Programable. Dimensiones: 125 x 98 x 23,5 mm.

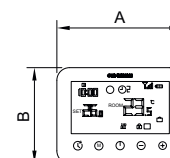
|         |   |       |      |   |
|---------|---|-------|------|---|
| 3930 00 | - | 0.185 | 1-48 | - |
|---------|---|-------|------|---|



### "GE-SMART" touch thermostat

Power supply 2 batteries 1,5V. AA type or micro USB 5V (1A). WIFI connectivity. Relay contact range 250VAC-0,25A. IP30. Setting temperature range: 5-35°C. Differential: ± 0,5 °C. Touch LCD backlight screen. Programable. Dimensions: 125 x 98 x 23,5 mm.

| A   | B  |
|-----|----|
| 125 | 98 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 3931



### Cabezal termostático "GE-SMART"

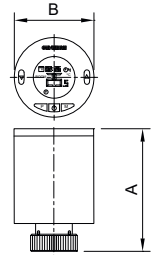
Alimentación: 2 baterías 1,5V, tipo AA. Conectividad WIFI. IP20. Rango temperatura de regulación: 5-35°C. Diferencial termico  $\pm 0,5$  °C . Pantalla LCD retro iluminada. Programable. Dimensiones:  $\varnothing 55 \times 83$  mm.

#### "GE-SMART" thermostatic head

Power supply 2 batteries 1,5V. AA. WIFI connectivity. IP20. Setting temperature range: 5-35°C. Differential:  $\pm 0,5$  °C . LCD backlight display. Programable. Dimensions:  $\varnothing 55 \times 83$  mm.

| A  | B  |
|----|----|
| 83 | 55 |

|         |   |       |      |   |
|---------|---|-------|------|---|
| 3931 00 | - | 0.144 | 1-42 | - |
|---------|---|-------|------|---|



Ref. 3917



### Termostato Digital Frío - Calor

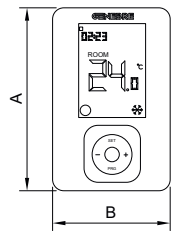
Alimentación: 2 baterías 1,5V, tipo AAA. Rango de contacto 250VAC-0,25A. IP30. Rango temperatura regulación: 5-35°C. Diferencial termico  $\pm 0,5$  °C . Elemento sensible termistor NTC 10K. Pantalla LCD retro iluminada. Programable.

#### Heat - Cool Digital Thermostat

Power supply 2 batteries 1,5V. AAA type. Relay contact range 250VAC-0,25A. IP30. Setting temperature range: 5-35°C. Differential:  $\pm 0,5$  °C . Sensing element NTC 10K thermistor. LCD backlight display. Programable.

| A   | B    |
|-----|------|
| 135 | 87,5 |

|         |   |       |      |   |
|---------|---|-------|------|---|
| 3917 00 | - | 0.165 | 1-48 | - |
|---------|---|-------|------|---|



Ref. 3911



### Termostato de pared electromecánico

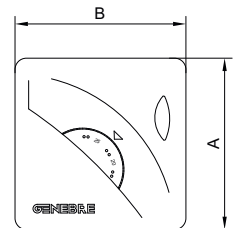
Alimentación: 2 hilos a 250 VAC. IP 20. Diferencial térmico  $\pm 1$ °C; Rango temperatura regulación: +7 / +30°C; Dimensiones 80x80x44 mm.

#### Wall electromechanical thermostat

Power supply: 2 wire to 259 VAC. IP 20. Differential  $\pm 1$ °C; Setting temperature range +7 / +30°C; Dimensions 80x80x44 mm.

| A  | B  |
|----|----|
| 80 | 80 |

|         |   |       |      |   |
|---------|---|-------|------|---|
| 3911 00 | - | 0.152 | 1-20 | - |
|---------|---|-------|------|---|



Ref. 3912



### Termostato de pared electrónico

Alimentación: 2 baterías 1,5 V, tipo AAA. Rango temperatura de regulación: 5°C -35°C. Diferencial térmico:  $\pm 0,3$ °C.

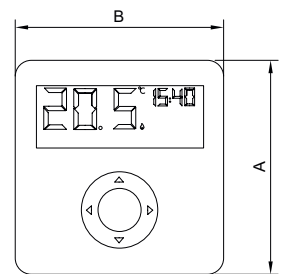
#### Wall mounted electronic thermostat

Power supply: 2 batteries 1,5 V, AAA type. Setting temperature range: 5°C-35°C. Differential:  $\pm 0,3$ °C.

| A    | B    |
|------|------|
| 88,5 | 88,5 |



|         |   |      |      |   |
|---------|---|------|------|---|
| 3912 00 | - | 0.17 | 1-68 | - |
|---------|---|------|------|---|



Ref. 3916



### Termostato de pared electrónico frío - calor

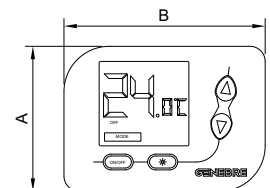
Alimentación: 2 baterías 1,5V, tipo AAA. Rango de contacto 5A, 220VAC. IP20. Rango temperatura regulación: 5-35°C. Diferencial termico  $\pm 0,5$  °C . Resolución 0,1°C. Elemento sensible termistor NTC. Pantalla LCD retro iluminada. No programable.

#### Heat - Cool wall mounted electronic thermostat

Power supply: 2 batteries 1,5V, AAA type. Contact range 5A, 220VAC. IP20. Setting temperature range 5-35°C. Differential  $\pm 0,5$  °C . Resolución 0,1°C. Sensing element NTC thermistor. LCD backlight dispaly. Non programmable.

| A  | B   |
|----|-----|
| 85 | 115 |

|         |   |       |      |   |
|---------|---|-------|------|---|
| 3916 00 | - | 0.117 | 1-50 | - |
|---------|---|-------|------|---|



Ref. 3915



**Termostato contacto bimetalico**

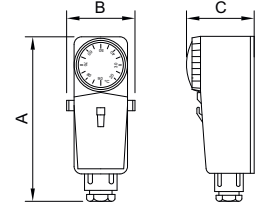
Termostato contacto bimetalico. Alimentación: a 250 VAC. IP 20. Diferencial térmico 8 ±2 K. Rango temperatura regulación:20/90°C.

**Bimetalic contact thermostat**

Dimensions 112x46x55 mm. Power supply: 250 VAC. IP 20. Temperature diferencial 8 ±2 K; Setting temperature range 20/90°C.

| A   | B  | C  |
|-----|----|----|
| 119 | 46 | 54 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3915 00     | -           | 0.163       | 1-50              | -                |



Ref. 8045 - 8046



**Termómetro de capilla 1/2" - Longitud 50mm**

Salida inferior, vaina latón. Longitud = 50 mm. Rosca G 1/2".

**Glass thermometers 1/2" - Length 50mm**

Bottom entry, brass sheath. Length = 50 mm. G 1/2" thread.

**Termómetro de capilla 1/2" Longitud 100mm**

Salida inferior, vaina latón. Longitud = 100 mm. Rosca G 1/2".

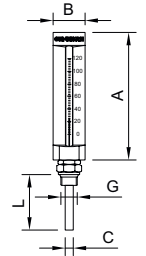
**Glass thermometers 1/2" Length 100mm**

Bottom entry, brass sheath. Length = 100 mm. G 1/2" thread.

| ref.     | G    | A   | B  | C  | L   |
|----------|------|-----|----|----|-----|
| 8045 404 | 1/2" | 165 | 38 | 10 | 50  |
| 8045 060 | 1/2" | 165 | 38 | 10 | 50  |
| 8045 120 | 1/2" | 165 | 38 | 10 | 50  |
| 8046 404 | 1/2" | 165 | 38 | 10 | 100 |
| 8046 060 | 1/2" | 165 | 38 | 10 | 100 |
| 8046 120 | 1/2" | 165 | 38 | 10 | 100 |

|          |             |       |      |   |
|----------|-------------|-------|------|---|
| 8045 404 | -40 + 40 °C | 0.168 | 1-50 | - |
| 8045 060 | 0 +60 °C    | 0.168 | 1-60 | - |
| 8045 120 | 0 +120 °C   | 0.168 | 1-50 | - |

|          |            |       |      |   |
|----------|------------|-------|------|---|
| 8046 404 | -40 +40 °C | 0.191 | 1-50 | - |
| 8046 060 | 0 +60 °C   | 0.19  | 1-50 | - |
| 8046 120 | 0 +120 °C  | 0.19  | 1-60 | - |



Ref. 8047 - 8048



**Termómetro de capilla 1/2" Longitud 50mm**

Salida angular 90°, vaina latón. Longitud = 50 mm. Rosca G 1/2".

**Glass thermometers 1/2" Length 50mm**

90° angle entry, brass sheath. Length = 50 mm. G 1/2" thread.

**Termómetro de capilla 1/2" Longitud 100mm**

Salida angular 90°, vaina latón. Longitud = 100 mm. Rosca G 1/2".

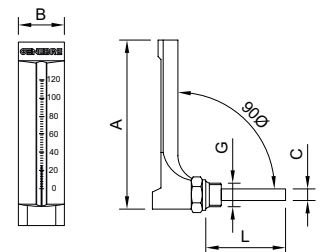
**Glass thermometers 1/2" Length 100mm**

90° angle entry, brass sheath. Length = 100 mm. G 1/2" thread.

| ref.     | G    | A   | B  | C  | L   |
|----------|------|-----|----|----|-----|
| 8047 404 | 1/2" | 165 | 38 | 10 | 50  |
| 8047 060 | 1/2" | 165 | 38 | 10 | 50  |
| 8047 120 | 1/2" | 165 | 38 | 10 | 50  |
| 8048 404 | 1/2" | 165 | 38 | 10 | 100 |
| 8048 060 | 1/2" | 165 | 38 | 10 | 100 |
| 8048 120 | 1/2" | 165 | 38 | 10 | 100 |

|          |            |       |      |   |
|----------|------------|-------|------|---|
| 8047 404 | -40 +40 °C | 0.168 | 1-30 | - |
| 8047 060 | 0 +60 °C   | 0.168 | 1-30 | - |
| 8047 120 | 0 +120 °C  | 0.168 | 1-30 | - |

|          |            |      |      |   |
|----------|------------|------|------|---|
| 8048 404 | -40 +40 °C | 0.19 | 1-20 | - |
| 8048 060 | 0 +60 °C   | 0.19 | 1-20 | - |
| 8048 120 | 0 +120 °C  | 0.19 | 1-24 | - |





Ref. 8045LA - 8046LA **NEW**



**Termómetro de capilla 1/2" - Longitud 50 mm**

Salida inferior, vaina latón, caja aluminio anodizado dorado. Longitud = 50 mm. Rosca G 1/2".

**Glass Thermometer - Length 50 mm.**

Bottom entry, brass sheath, casing aluminum gold anodizing. Length = 50 mm. G 1/2" thread.

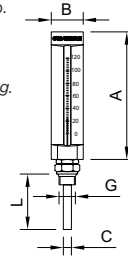
**Termómetro de capilla 1/2" - Longitud 100 mm**

Salida inferior, vaina latón, caja aluminio anodizado dorado. Longitud = 100 mm. Rosca G 1/2".

**Glass Thermometer - Length 100 mm.**

Bottom entry, brass sheath, casing aluminum gold anodizing. Length = 100 mm. G 1/2" thread.

| ref.       | G    | A   | B  | C  | L  |
|------------|------|-----|----|----|----|
| 8045LA 060 | 1/2" | 165 | 38 | 10 | 50 |
| 8045LA 120 | 1/2" | 165 | 38 | 10 | 50 |
| 8046LA 060 | 1/2" | 165 | 38 | 10 | 50 |
| 8046LA 120 | 1/2" | 165 | 38 | 10 | 50 |



| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|--------------|-------------------|------------------|
| 8045LA 060  | 0 +60        | 1                 | -                |
| 8045LA 120  | 0 +120       | 1                 | -                |

|            |        |   |   |
|------------|--------|---|---|
| 8046LA 060 | 0 +60  | 1 | - |
| 8046LA 120 | 0 +120 | 1 | - |

Ref. 8047LA **NEW**



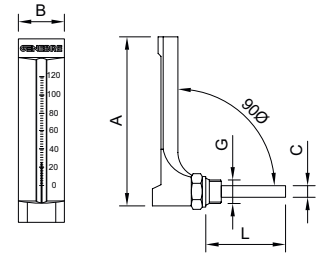
**Termómetro de capilla 1/2" - Longitud 50 mm**

Salida angular 90°, vaina latón, caja aluminio anodizado dorado. Longitud = 50 mm. Rosca G 1/2".

**Glass Thermometer - Length 50 mm.**

90° angle entry, brass sheath, casing aluminum gold anodizing. Length = 50 mm. G 1/2" thread.

| ref.       | G    | A   | B  | C  | L  |
|------------|------|-----|----|----|----|
| 8047LA 060 | 1/2" | 165 | 38 | 10 | 50 |
| 8047LA 120 | 1/2" | 165 | 38 | 10 | 50 |



|            |        |   |   |
|------------|--------|---|---|
| 8047LA 060 | 0 +60  | 1 | - |
| 8047LA 120 | 0 +120 | 1 | - |

Ref. 73262



**Bomba descarga condensados**

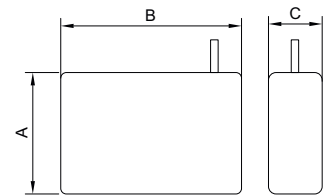
Unidad de pared para evacuar los condensados generados por unidades de climatización de arira acondicionado de hasta 13 KW. Caudal maximo 10 l/h. Temperatura maxima agua drenaje 40°C. Tensión de alimentación 230V AC 50-60Hz 16W. Homologación CE

**Condensate removal pump**

Wall pump unit for condensate removal in air conditioning up to 13 KW. Maximum flow rate 10 l/h. Max. discharge water temperature 40°C. Electrical power 230V AC 50-60Hz. CE marked.

| A   | B   | C  |
|-----|-----|----|
| 113 | 120 | 63 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 73262 00 00 | 10 L        | 0.45        | 25                | -                |



Ref. 3263



**Bomba para calderas de condensación**

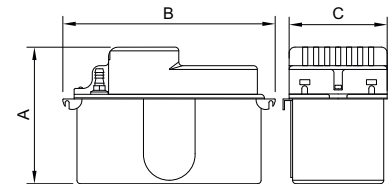
Sistema compuesto de una unidad de bomba y una unidad de detección para evacuar los condensados en calderas, unidades de aire acondicionado y de refrigeración. Voltaje 230V 50 Hz. Instalación externa. Caudal máximo 370 L/h. Máxima temperatura del condensado 50°C.

**Condensate pump**

It is a system which consists of a pump unit and detection unit allowing condensates to be evacuated in boiler, air conditioning and refrigeration. Voltage 230V 50 Hz. Internal or external installation. Flow rate max.370 L/h. Máx. Temperature of condensate 50°C.

| A   | B   | C   |
|-----|-----|-----|
| 134 | 225 | 104 |

|         |   |     |     |   |
|---------|---|-----|-----|---|
| 3263 00 | - | 2.3 | 1-4 | - |
|---------|---|-----|-----|---|



Ref. 70500

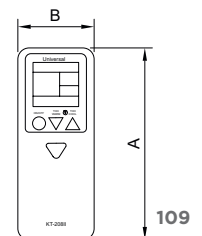


**Mando universal aire acondicionado**

**A/C universal remote control**

| A   | B  |
|-----|----|
| 160 | 58 |

|       |   |       |     |   |
|-------|---|-------|-----|---|
| 70500 | - | 0.074 | 100 | - |
|-------|---|-------|-----|---|



# Calefacción y energía solar

## Heating & solar energy

### Energía solar térmica

#### Thermal solar energy

La “energía solar térmica” es una tecnología que convierte la luz solar en calor que puede después ser usado para calentar agua para uso doméstico y para el sistema de calefacción.

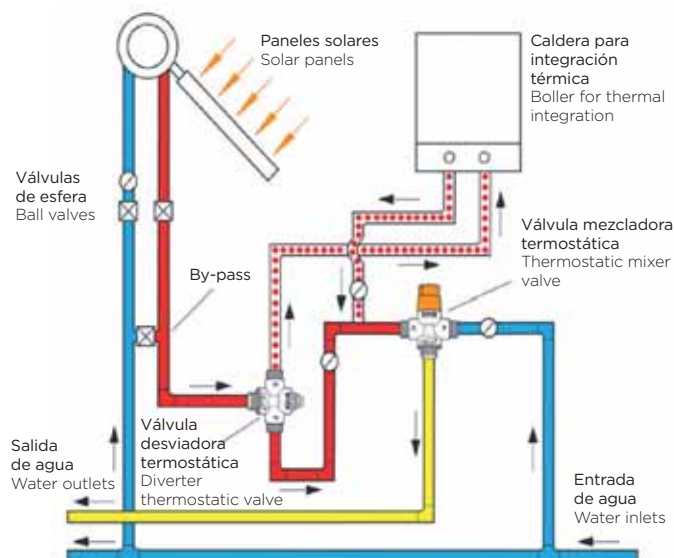
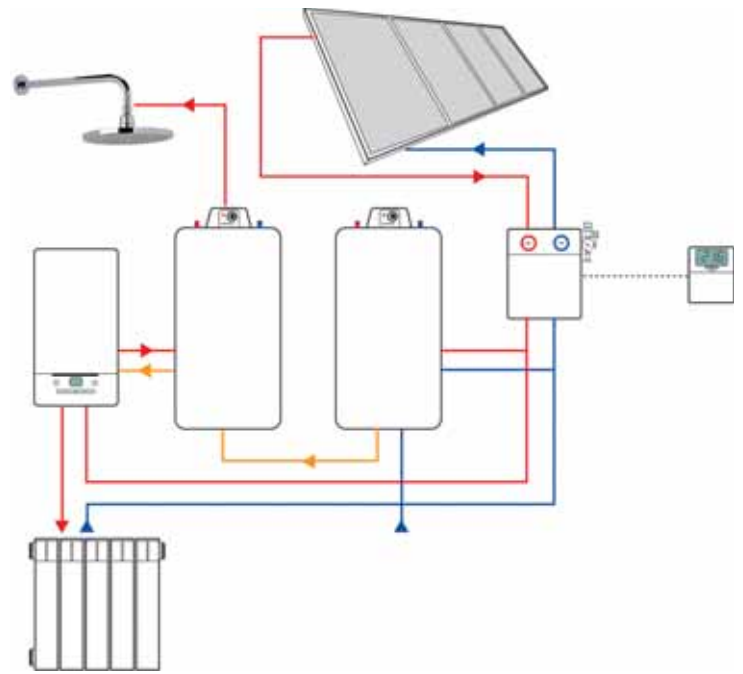
Existen diferentes tipos de sistemas solares empleados para el calentamiento de agua sanitaria y/o la propia calefacción, entre los cuales destacan por ser los más utilizados los sistemas de circulación natural, los sistemas de circulación forzada y los sistemas combinados.

Para todos los tipos existentes se requiere de una serie de elementos para su instalación, de los cuales Genebre pone a su disposición una amplia gama de ellos, que se irá ampliando según las necesidades de nuestros clientes e instaladores.

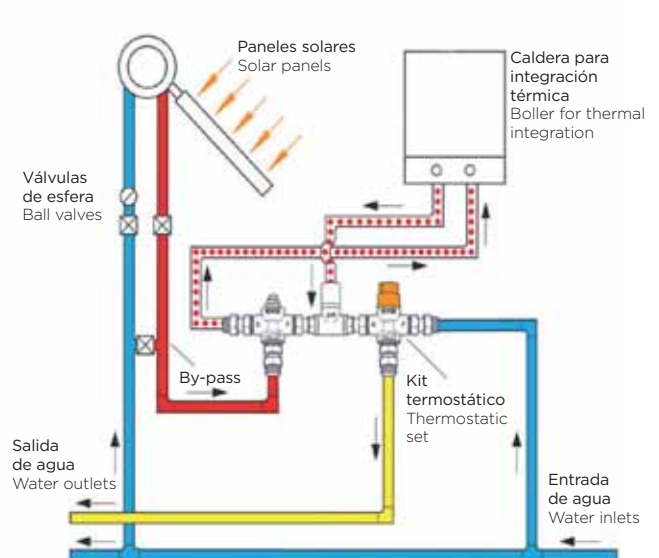
“Thermal solar energy” is a technology that converts sunlight into heat that can then be used to heat domestic water and heating system.

There are different types of solar systems used only for the heating of water for human consumption and/or for the heating system, forced circulation systems and combined systems being among those which stand out as being the most widely used natural circulation systems.

For all existing types a series of elements are required for their installation. Genebre offers a wide range of them, to be expanded according to the needs of our customers and installers.



**Instalación básica**  
Basic installation



**Esquema kit termostático**  
Thermostatic kit installation

Ref. 3134



### Válvula de esfera palanca M-H

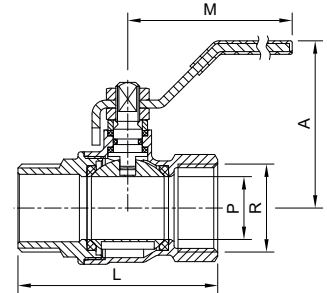
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Juntas PTFE. Extremos rosca gas M-H, ISO 228/1. Temp. máx. 150°C. Mando manual por palanca acero.

#### Lever handle M-F ball valve

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. Seats PTFE. Gas threaded ends M-F, ISO 228/1. Max. temp. 150°C. Manual control lever steel handle.

| R      | P  | A  | L   | M   |
|--------|----|----|-----|-----|
| 1/2"   | 15 | 47 | 55  | 84  |
| 3/4"   | 20 | 58 | 64  | 98  |
| 1"     | 25 | 61 | 76  | 98  |
| 1 1/4" | 32 | 74 | 87  | 126 |
| 1 1/2" | 40 | 80 | 95  | 126 |
| 2"     | 50 | 91 | 109 | 158 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3134 04     | 1/2"        | 0.158       | 8-152             | -                |
| 3134 05     | 3/4"        | 0.258       | 6-60              | -                |
| 3134 06     | 1"          | 0.388       | 6-54              | -                |
| 3134 07     | 1 1/4"      | 0.65        | 4-36              | -                |
| 3134 08     | 1 1/2"      | 0.875       | 2-18              | -                |
| 3134 09     | 2"          | 1.37        | 2-18              | -                |



Ref. 3136



### Válvula de esfera M-F palomilla naranja

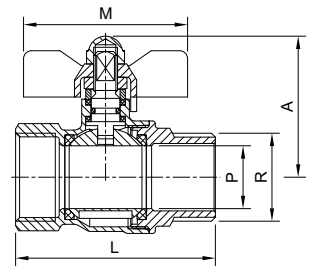
PN 25. Paso total. Construcción en latón UNE-EN 12165 cromado. Juntas PTFE. Extremos rosca gas M-H, ISO 228/1. Temp. máx. 150°C. Mando manual por palomilla aluminio.

#### Ball valve M-F orange butterfly handle

PN 25. Full bore. Body chrome plated brass UNE-EN 12165. Seats PTFE. Gas threaded ends M-F, ISO 228/1. Max. temp. 150°C. Manual control lever aluminium handle.

| R    | P  | A  | L  | M  |
|------|----|----|----|----|
| 3/8" | 10 | 38 | 49 | 50 |
| 1/2" | 15 | 40 | 56 | 50 |
| 3/4" | 20 | 50 | 64 | 62 |
| 1"   | 25 | 53 | 76 | 62 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3136 03 | 3/8" | 0.098 | 12-240 | - |
| 3136 04 | 1/2" | 0.137 | 10-180 | - |
| 3136 05 | 3/4" | 0.233 | 6-108  | - |
| 3136 06 | 1"   | 0.364 | 5-60   | - |



Ref. 70037



### Purgador automático de aire

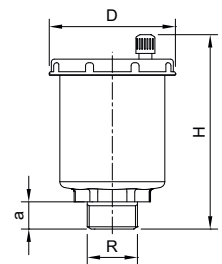
Cuerpo en latón niquelado. Extremo rosca macho ISO 228/1. Temperatura máxima de trabajo 160°C. Presión máxima de trabajo: 10 bar.

#### Automatic air vent

Body brass nickel-plated. Male thread ISO 228/1. Maximum working temperature 160°C. Maximum working pressure: 10 bar.

| R    | A  | D  | H  |
|------|----|----|----|
| 3/8" | 79 | 50 | 64 |
| 1/2" | 79 | 50 | 64 |

|             |      |       |        |   |
|-------------|------|-------|--------|---|
| 70037 03 00 | 3/8" | 0.193 | 10-80  | - |
| 70037 04 00 | 1/2" | 0.254 | 10-140 | - |



Ref. 3178



### Válvula de seguridad escuadra

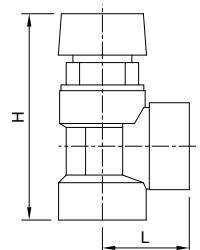
Cuerpo en latón. Extremos rosca hembra ISO 228/1. Temperatura máxima de trabajo 160°C. Taraje 6 bar.

#### Safety angle valve

Body in brass. Female threaded ends ISO 228/1. Maximum working temperature 160°C. 6 bar setting pressure.

| H  | A  |
|----|----|
| 76 | 31 |

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 3178 04 | 1/2" x 3/4" | 0.116 | 10-100 | - |
|---------|-------------|-------|--------|---|



Ref. 2444



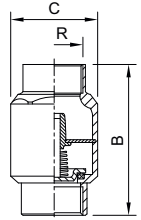
**Válvula retención "Small" - "Idrja" para solar**

Construcción: AISI 304 - asiento vitón. Extremos roscados DIN 2999. Temp. de trabajo, mín. -25°C máx. +150°C. Presión de trabajo, 16 bar. Presión de apertura, 0,03 bar.

**"Small" check valve "Idrja" for solar energy**

Constr.: AISI 304 - viton seat. Gas threaded ends DIN 2999. Working temp. min. -25°C +150°C. Working pressure: 16 bar. Opening pressure: 0.03 bar.

| DN | R      | B  | C    |
|----|--------|----|------|
| 15 | 1/2"   | 32 | 55   |
| 20 | 3/4"   | 44 | 66,7 |
| 25 | 1"     | 53 | 83   |
| 32 | 1 1/4" | 62 | 97   |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 2444 04     | 1/2"        | 0.093       | 12-288            | -                |
| 2444 05     | 3/4"        | 0.138       | 8-104             | -                |
| 2444 06     | 1"          | 0.6         | 8-80              | -                |
| 2444 07     | 1 1/4"      | 0.001       | 6-48              | -                |

Ref. 1431S



**Mezclador termostático vertical para paneles solares**

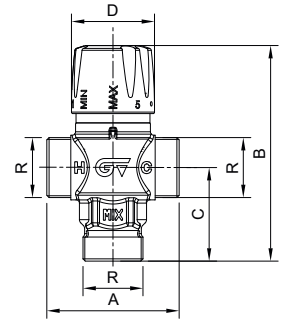
Volante de regulación de temperatura de 30°C a 65°C. Temperatura máxima de entrada de agua 100°C. Aplicación para paneles solares.

**Vertical thermostatic mixing valve for solar installation**

Temperature adjusting handle from 30°C to 65°C. Maximum temperature inlet 100°C. For solar panels application.

| R    | A  | B  | C  | Ø D  |
|------|----|----|----|------|
| 3/4" | 58 | 93 | 42 | 36,5 |

|          |      |       |      |   |
|----------|------|-------|------|---|
| 1431S 05 | 3/4" | 0.373 | 1-48 | - |
|----------|------|-------|------|---|



Ref. 1444



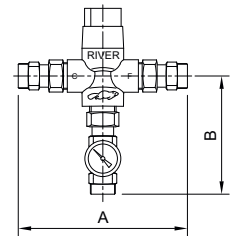
**Mezclador termostático vertical con termómetro**

Dispositivo para regular temperatura con bloqueo del suministro según EN 1111. Cartucho extraíble y unidad termostática especial con protección anticál y alta velocidad de respuesta. Posibilidad de bloqueo del volante tras la regulación. Temperatura máxima de entrada agua 110°C. Termómetro de inmersión incorporado. Con filtro de acero inoxidable, válvula de retención y rácores incorporados. Aplicación para paneles solares.

**Vertical thermostatic mixing valve with thermometer**

Anti-scalding device with stop water supply S/EN 1111. Extractable cartridge and thermostatic special unit with lime protection and high-speed response. Possibility to block the handle position after the adjusting of the temperature. Maximum temperature inlet 110°C. Immersion thermometer incorporated. With stainless steel filter, check valve and tangs incorporated. For solar panels application.

|         |      |       |      |   |
|---------|------|-------|------|---|
| 1444 04 | 1/2" | 1.079 | 1-23 | - |
| 1444 05 | 3/4" | 1.179 | 1-23 | - |



Ref. 1452



**Válvula desviadora termostática**

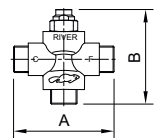
Desvía automáticamente el agua caliente que proviene del panel a la caldera, sólo cuando es necesario integrar la temperatura. Elemento termostático con protección anticál y alta velocidad de respuesta. Temperatura máxima de entrada agua 110°C. Válvula tarada a 40°C.

**Diverter thermostatic valve**

Divert automatically the hot water coming from the panel to the boiler only when it is necessary integrate the temperature. Thermostatic unit with lime protection and high-speed response. Maximum temperature inlet 110°C. Setting temperature 40°C.

| A  | B  |
|----|----|
| 90 | 44 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 1452 05 | 3/4" | 0.647 | 1-40 | - |
|---------|------|-------|------|---|



Ref. 1451



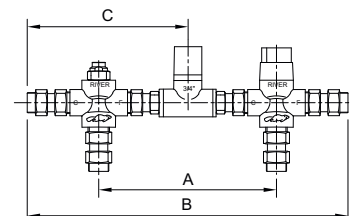
**Kit termostático con válvula desviadora y mezclador**

Kit termostático premontado antiescaldo para facilitar la conexión desde el panel solar hasta la caldera y una válvula desviadora termostática. Mezclador con temperatura máxima de entrada 110°C, filtro de inoxidable, válvula de retención y rácores. Válvula desviadora termostática con temperatura preestablecida de 40°C.

**Thermostatic kit with divert valve and mixer**

Anti-scalding connected thermostatic kit for facilitate connection from the solar panel to the boiler. Mainly composed of a vertical thermostatic mixer and a divert thermostatic valve. Mixer with stainless steel filter, check valve and tangs with maximum water inlet temperature 110°C. Divert thermostatic valve with setting temperature 40°C.

|         |      |      |      |   |
|---------|------|------|------|---|
| 1451 05 | 3/4" | 2.24 | 1-10 | - |
|---------|------|------|------|---|



| A   | B   | C   |
|-----|-----|-----|
| 198 | 360 | 180 |





BE WATER. BE GENEBRE



WATER CARE VISIONEERS



03

# VÁLVULAS DE GAS GAS VALVES

**Válvulas de gas con certificación AENOR para el mercado español, diseñadas según normas UNE-EN 331 y UNE 60718.**

**Y otras válvulas de gas para mercados internacionales.**

Gas valves with AENOR certification for the Spanish market, designed according to UNE-EN 331 and UNE 60718 standards, as well as other gas valves for the International markets.

# Válvulas de gas (UNE-EN 331 / UNE 60718)

## Gas valves

Destinadas a instalaciones no enterradas y que empleen gases de primera, segunda y tercera según norma EN 437  
They are used for installations not buried deep, and wich use first, second and third family gases, according to En 437 standards.

UNE-EN 12164  
UNE-EN 12165  
Latón  
Brass

Extremos roscados gas (BSP)  
Gas (BSP) threaded ends  
ISO 228/1

Juntas NBR  
NBR joint  
EN 549  
Eje con doble junta tórica  
Stem with double o'ring

Temperatura de servicio desde  
Service temperature from  
-40°C/60°C

Presión de trabajo  
Working pressure  
5 bar (MOP 5)

GN  
Garantizada para Gas Natural  
Guaranteed for Natural gas



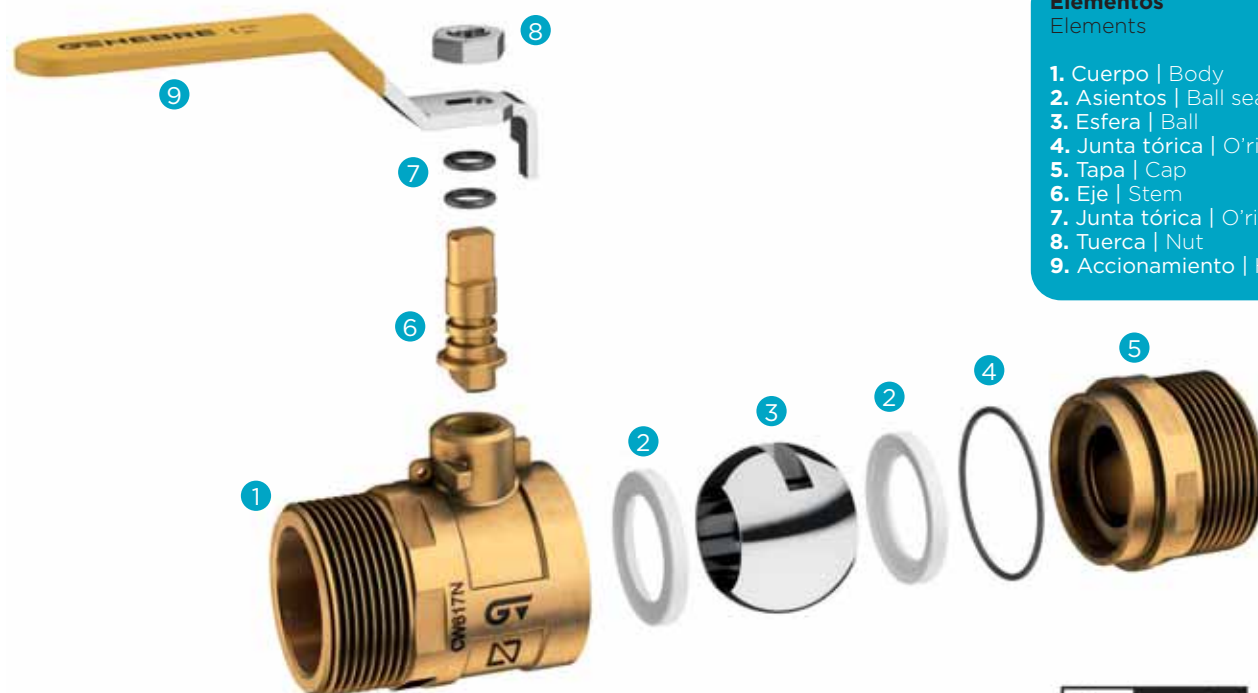
Accionamientos precintables  
Sealeable handles

Palanca  
Palomilla  
Manual lever  
Butterfly handle



Bloqueo en posición de cierre  
Locking at closed position

Acabados  
Coulor finished  
Latón  
Cromado  
Brass  
Chrome plated



### Elementos Elements

1. Cuerpo | Body
2. Asientos | Ball seats
3. Esfera | Ball
4. Junta tórica | O'ring
5. Tapa | Cap
6. Eje | Stem
7. Junta tórica | O'ring
8. Tuerca | Nut
9. Accionamiento | Handle



Ref. 3610



### Válvula esfera recta para gas, M-M

Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-M. Rango de temperatura -20°C a 60°C. Mando palanca de acero con recubrimiento DACROMET, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

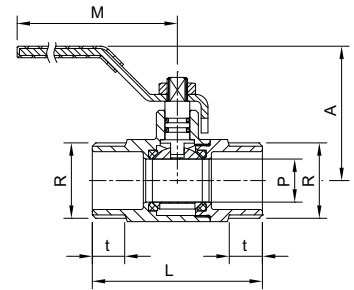
### Ball straight valve for gas, M-M

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-M. Temperature range -20°C to 60°C. DACROMET covering steel lever handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R      | P  | L   | A  | M   | t  |
|--------|----|-----|----|-----|----|
| 1/2"   | 10 | 56  | 46 | 84  | 10 |
| 3/4"   | 15 | 65  | 48 | 84  | 13 |
| 1"     | 20 | 75  | 58 | 98  | 15 |
| 1 1/4" | 25 | 87  | 62 | 98  | 19 |
| 1 1/2" | 32 | 101 | 74 | 125 | 21 |
| 2"     | 40 | 124 | 80 | 125 | 27 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3610 04 | 1/2"   | 0.162 | 8-144 | - |
| 3610 05 | 3/4"   | 0.235 | 8-144 | - |
| 3610 06 | 1"     | 0.372 | 6-72  | - |
| 3610 07 | 1 1/4" | 0.576 | 4-48  | - |
| 3610 08 | 1 1/2" | 0.856 | 2-24  | - |
| 3610 09 | 2"     | 1.381 | 2-24  | - |



Ref. 3615



### Válvula esfera recta para gas, M-M

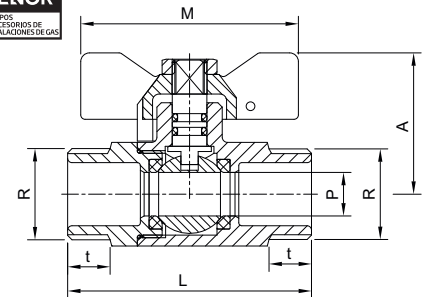
Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-M. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio pintada, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

### Ball straight valve for gas, M-M

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-M. Temperature range -20°C to 60°C. Painted aluminum butterfly handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R      | P  | L  | A  | M  | t  |
|--------|----|----|----|----|----|
| 1/2"   | 10 | 56 | 35 | 50 | 10 |
| 3/4"   | 15 | 65 | 37 | 50 | 13 |
| 1"     | 20 | 75 | 45 | 62 | 15 |
| 1 1/4" | 25 | 87 | 49 | 62 | 19 |

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3615 04 | 1/2"   | 0.131 | 10-180 | - |
| 3615 05 | 3/4"   | 0.206 | 6-108  | - |
| 3615 06 | 1"     | 0.338 | 5-90   | - |
| 3615 07 | 1 1/4" | 0.545 | 4-48   | - |



Ref. 3620



### Válvula esfera recta para gas, M-H tuerca deslizante

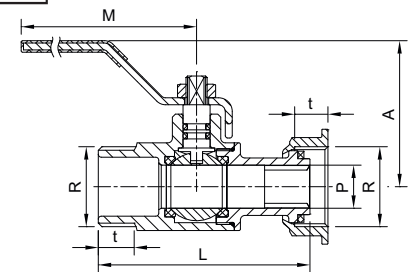
Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-H tuerca deslizante. Rango de temperatura -20°C a 60°C. Mando palanca de acero con recubrimiento DACROMET, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

### Ball straight valve for gas, M-F sliding nut

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-F sliding nut. Temperature range -20°C to 60°C. DACROMET covering steel lever handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R      | P  | L   | A  | M  | t  |
|--------|----|-----|----|----|----|
| 3/4"   | 15 | 70  | 48 | 84 | 13 |
| 7/8"   | 20 | 75  | 58 | 98 | 15 |
| 1 1/4" | 25 | 100 | 62 | 98 | 19 |

|         |        |       |       |   |
|---------|--------|-------|-------|---|
| 3620 05 | 3/4"   | 0.255 | 6-108 | - |
| 3620 78 | 7/8"   | 0.405 | 6-72  | - |
| 3620 07 | 1 1/4" | 0.67  | 2-24  | - |



Ref. 3622



### Válvula esfera recta para gas, M-H tuerca deslizante

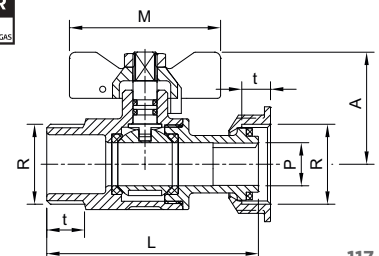
Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-H tuerca deslizante. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio pintada, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

### Ball straight valve for gas, M-F sliding nut

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-F sliding nut. Temperature range -20°C to 60°C. Painted aluminum butterfly handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R      | P  | L   | A  | M  | t  |
|--------|----|-----|----|----|----|
| 3/4"   | 15 | 70  | 37 | 50 | 13 |
| 7/8"   | 20 | 75  | 45 | 62 | 15 |
| 1 1/4" | 25 | 100 | 49 | 62 | 19 |

|         |        |       |      |   |
|---------|--------|-------|------|---|
| 3622 05 | 3/4"   | 0.233 | 5-90 | - |
| 3622 78 | 7/8"   | 0.372 | 5-90 | - |
| 3622 07 | 1 1/4" | 0.62  | 4-48 | - |



Ref. 3625



**Válvula esfera esquadra para gas, M-H tuerca deslizante**

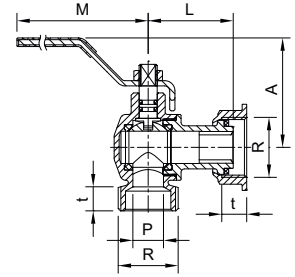
Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-H tuerca deslizante. Rango de temperatura -20°C a 60°C. Mando palanca de acero con recubrimiento DACROMET, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

**Ball angle valve for gas, M-F sliding nut**

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-F sliding nut. Temperature range -20°C to 60°C. DACROMET covering steel lever handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R      | P  | L  | A  | M  | t  |
|--------|----|----|----|----|----|
| 3/4"   | 15 | 38 | 48 | 84 | 12 |
| 7/8"   | 20 | 39 | 58 | 98 | 12 |
| 1 1/4" | 25 | 59 | 62 | 98 | 16 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3625 05     | 3/4"        | 0.235       | 6-108             | -                |
| 3625 78     | 7/8"        | 0.375       | 6-72              | -                |
| 3625 07     | 1 1/4"      | 0.64        | 2-48              | -                |



Ref. 3627



**Válvula Angular para gás, M-P. BSP**

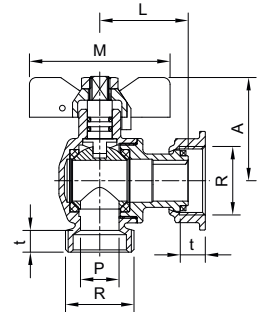
Passagem Plena  
Conforme UNE EN 331  
Construção em Latão UNE-EM 12164-12165  
Extremidades rosca gás (BSP) M-P ISO 228-1  
Acionamento Borboleta  
Eixo com dupla vedação  
Juntas em NBR conforme EN 549

**Ball angle valve for gas, M-F sliding nutt**

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-F sliding nut. Temperature range -20°C to 60°C. Painted aluminum butterfly handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R      | P  | L   | A  | M  | t  |
|--------|----|-----|----|----|----|
| 3/4"   | 15 | 70  | 37 | 50 | 13 |
| 7/8"   | 20 | 75  | 45 | 62 | 15 |
| 1 1/4" | 25 | 100 | 49 | 62 | 19 |

|         |        |       |      |   |
|---------|--------|-------|------|---|
| 3627 05 | 3/4"   | 0.224 | 5-90 | - |
| 3627 78 | 7/8"   | 0.365 | 5-90 | - |
| 3627 07 | 1 1/4" | 0.62  | 4-48 | - |



Ref. 3630



**Válvula esfera recta para gas con patas, M-M**

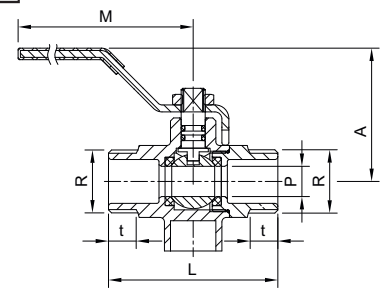
Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-M. Rango de temperatura -20°C a 60°C. Mando palanca de acero con recubrimiento DACROMET, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

**Ball straight valve for gas with feet, M-M**

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-M. Temperature range -20°C to 60°C. DACROMET covering steel lever handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R    | P  | L  | A  | M  | t  |
|------|----|----|----|----|----|
| 1/2" | 10 | 56 | 46 | 84 | 10 |
| 3/4" | 15 | 65 | 48 | 84 | 13 |

|         |      |       |       |   |
|---------|------|-------|-------|---|
| 3630 04 | 1/2" | 0.181 | 8-144 | - |
| 3630 05 | 3/4" | 0.249 | 8-96  | - |



Ref. 3632



**Válvula esfera recta para gas con patas, M-M**

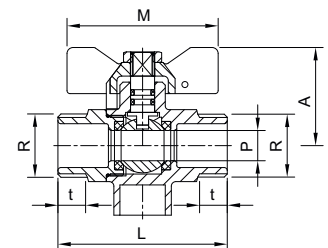
Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-M. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio pintada, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

**Ball straight valve for gas with feet, M-M**

Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-M. Temperature range -20°C to 60°C. Painted aluminum butterfly handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R    | P  | L  | A  | M  | t  |
|------|----|----|----|----|----|
| 1/2" | 10 | 56 | 35 | 50 | 10 |
| 3/4" | 15 | 65 | 37 | 50 | 13 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3632 04 | 1/2" | 0.162 | 10-180 | - |
| 3632 05 | 3/4" | 0.227 | 6-108  | - |



Ref. 3640

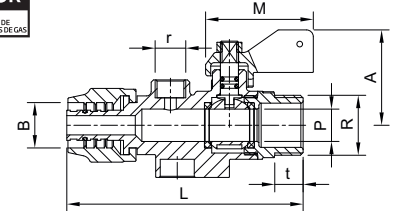


**Válvula esfera recta para gas con patas, M-conexión tubo PE**  
 Construcción en latón según UNE-EN 12165. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M y conexión tubo PE. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio pintada, precintable. Certificada por AENOR según norma UNE-EN 331 y UNE 60405.

**Ball straight valve for gas with feet, M-PE pipe connection**  
 Body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M and PE pipe connection. Temperature range -20°C to 60°C. Painted aluminum butterfly handle, sealable. Certified by AENOR according to standard UNE-EN 331 and UNE 60405.

| R     | r       | P  | A  | B  | L   | M  | t  |
|-------|---------|----|----|----|-----|----|----|
| G3/4" | Rp 1/4" | 15 | 42 | 20 | 104 | 48 | 13 |
| G3/4" | Rp 1/4" | 15 | 42 | 32 | 111 | 48 | 13 |

| CÓDIGO CODE | MEDIDA SIZE   | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|---------------|-------------|-------------------|------------------|
| 3640 05 20  | G 3/4" x PE20 | 0.451       | 1-36              | -                |
| 3640 05 32  | G3/4" x PE32  | 0.627       | 1-36              | -                |



Ref. 3600

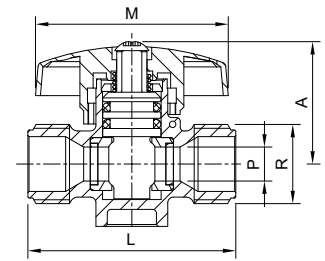


**Válvula esfera recta para gas con autobloqueo, M-M**  
 Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 o rosca métrica M20 x 1,5 M-M. Rango de temperatura -20°C a 60°C. Mando precintable de Zamak cromado, accionamiento con muelle de seguridad. Certificada por AENOR según norma UNE-EN 331 y UNE 60718.

**Ball straight valve for gas with autoblock, M-M**  
 Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 or metric M20 x 1,5 M-M. Temperature range -20°C to 60°C. Chrome plated zamak sealable handle, manual control with safety spring. Certified by AENOR according to standard UNE-EN 331 and UNE 60718.

| R         | P  | L  | A  | M  |
|-----------|----|----|----|----|
| 1/2"      | 9  | 55 | 32 | 51 |
| M20 x 1,5 | 9  | 55 | 32 | 51 |
| 3/4"      | 14 | 65 | 38 | 51 |

|         |           |       |       |   |
|---------|-----------|-------|-------|---|
| 3600 04 | 1/2"      | 0.157 | 1-192 | - |
| 3600 20 | M20 x 1,5 | 0.158 | 1-192 | - |
| 3600 05 | 3/4"      | 0.23  | 1-100 | - |



Ref. 3692

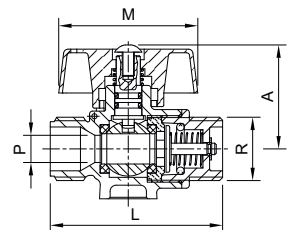


**Válvula recta para gas con autobloqueo y limitador de caudal, M-M**  
 Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 228/1 M-M. Rango de temperatura -20°C a 60°C. Mando precintable de Zamak cromado, accionamiento con muelle de seguridad. Certificada por AENOR según norma UNE 60718.

**Ball straight valve for gas with autoblock and flow limiter, M-M**  
 Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 228/1 M-M. Temperature range -20°C to 60°C. Chrome plated zamak sealable handle, manual control with safety spring. Certified by AENOR according to standard UNE 60718.

| R    | P | L  | A    | M  |
|------|---|----|------|----|
| 1/2" | 9 | 57 | 34,5 | 46 |

|         |      |       |       |   |
|---------|------|-------|-------|---|
| 3692 04 | 1/2" | 0.185 | 1-100 | - |
|---------|------|-------|-------|---|



Ref. 3691

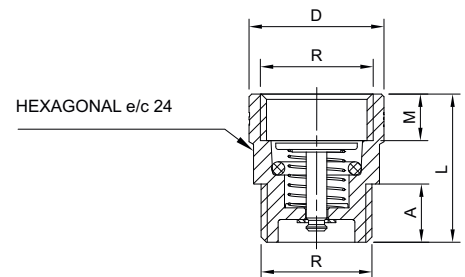


**Válvula limitadora de cudad externo M-H**  
 Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE.. Extremos roscados según ISO 228/1 M-H. Rango de temperatura -10°C a 40°C. Según norma UNE 60719.

**Ball straight valve for gas with autoblock and flow limiter, M-M**  
 Chrome plated body brass UNE-EN 12165. Threaded ends according to ISO 228/1 M-H. Temperature range -10°C to 40°C. According to standard UNE 60719.

| R    | D  | L  | A  | M   |
|------|----|----|----|-----|
| 1/2" | 26 | 28 | 11 | 8,8 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3691 04 | 1/2" | 0.051 | 12-324 | - |
|---------|------|-------|--------|---|



Ref. 3690

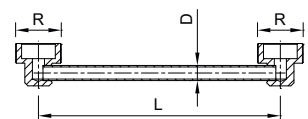


**Puente de prueba para contador de gas tipo G4**  
 Construcción racor en latón según UNE-EN 12165 cromado. Tubo de cobre. Soldadura estaño-plata. Extremos rosados según ISO 228/1 M-M. Garantizado para el uso con gas natural. Rango de temperatura -20°C a 60°C.

**Gas bridge for G4 meters**  
 Fitting brass according to UNE-EN 12165. Pipe in cooper material. Siver-Tin welding. Threaded ends according to ISO 228/1 M-M. Temperature range -20°C to 60°C.

| R    | L   | D  |
|------|-----|----|
| 7/8" | 160 | 10 |

|         |      |       |      |   |
|---------|------|-------|------|---|
| 3690 78 | 7/8" | 0.154 | 1-70 | - |
|---------|------|-------|------|---|





Ref. 3500



**Válvula esfera recta para gas, H-H**

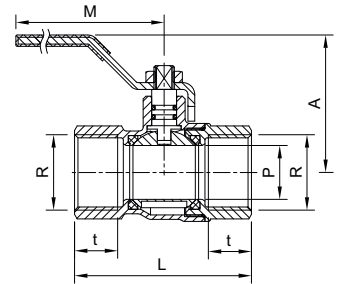
También disponible con rosca NPT (3500N).  
Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 H-H. Rango de temperatura -20°C a 60°C. Mando palanca de acero con recubrimiento DACROMET, precintable.

**Ball straight valve for gas, F-F**

Also available NPT thread (3500N).  
Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 F-F. Temperature range -20°C to 60°C. DACROMET covering steel lever handle, sealable.

| R      | P  | L  | A    | M   | t    |
|--------|----|----|------|-----|------|
| 1/2"   | 15 | 58 | 47   | 83  | 15,5 |
| 3/4"   | 20 | 65 | 58   | 97  | 16,5 |
| 1"     | 25 | 78 | 60,5 | 97  | 19,5 |
| 1 1/4" | 32 | 88 | 74   | 125 | 20   |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3500 04     | 1/2"        | 0.189       | 10-180            | -                |
| 3500 05     | 3/4"        | 0.305       | 8-96              | -                |
| 3500 06     | 1"          | 0.452       | 6-72              | -                |
| 3500 07     | 1 1/4"      | 0.715       | 6-48              | -                |



Ref. 3505



**Válvula esfera recta para gas, H-H**

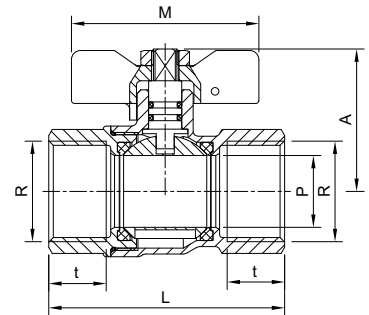
También disponible con rosca NPT (3505N).  
Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 H-H. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Ball straight valve for gas, F-F**

Also available NPT thread (3505N).  
Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 F-F. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P  | L  | A    | M  | t    |
|------|----|----|------|----|------|
| 1/2" | 15 | 58 | 35,5 | 50 | 15,5 |
| 3/4" | 20 | 65 | 44,5 | 62 | 16,5 |
| 1"   | 25 | 78 | 47   | 62 | 19,5 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3505 04 | 1/2" | 0.161 | 10-120 | - |
| 3505 05 | 3/4" | 0.271 | 8-64   | - |
| 3505 06 | 1"   | 0.419 | 6-72   | - |



Ref. 3510



**Válvula esfera recta para gas, M-H**

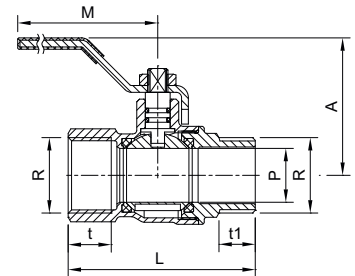
Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 M-H. Rango de temperatura -20°C a 60°C. Mando palanca de acero con recubrimiento DACROMET, precintable.

**Ball straight valve for gas, M-F**

Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 M-F. Temperature range -20°C to 60°C. DACROMET covering steel lever handle, sealable.

| R      | P  | L    | A    | M   | t    | t1   |
|--------|----|------|------|-----|------|------|
| 1/2"   | 15 | 62,5 | 47   | 83  | 15,5 | 13,5 |
| 3/4"   | 20 | 69   | 58   | 97  | 16,5 | 14,5 |
| 1"     | 25 | 82,5 | 60,5 | 97  | 19,5 | 17,5 |
| 1 1/4" | 32 | 91,5 | 74   | 125 | 20   | 19,5 |

|         |        |       |        |   |
|---------|--------|-------|--------|---|
| 3510 04 | 1/2"   | 0.189 | 10-180 | - |
| 3510 05 | 3/4"   | 0.305 | 8-96   | - |
| 3510 06 | 1"     | 0.45  | 6-72   | - |
| 3510 07 | 1 1/4" | 0.691 | 6-48   | - |



Ref. 3515



**Válvula esfera recta para gas, M-H**

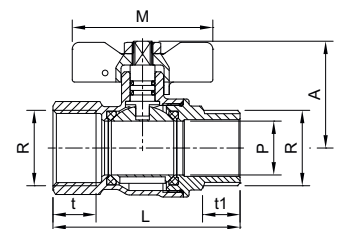
También disponible con rosca NPT (3515N).  
Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 M-H. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Ball straight valve for gas, M-F**

Also available NPT thread (3515N).  
Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 M-F. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P  | L    | A    | M  | t    | t1   |
|------|----|------|------|----|------|------|
| 1/2" | 15 | 62,5 | 35,5 | 50 | 15,5 | 13,5 |
| 3/4" | 20 | 69   | 44,5 | 62 | 16,5 | 14,5 |
| 1"   | 25 | 82,5 | 47   | 62 | 19,5 | 17,5 |

|         |      |       |        |   |
|---------|------|-------|--------|---|
| 3515 04 | 1/2" | 0.16  | 10-180 | - |
| 3515 05 | 3/4" | 0.268 | 8-96   | - |
| 3515 06 | 1"   | 0.413 | 6-72   | - |





| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 3520



**Válvula esfera recta para gas, H-conexión manguera**

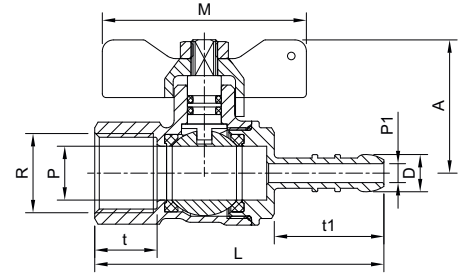
Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 H y conexión manguera. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Ball straight valve for gas, F-hose connection**

Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 F and hose connection. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P1 | P  | L    | A    | M  | t    | t1 | D    |
|------|----|----|------|------|----|------|----|------|
| 1/2" | 6  | 15 | 76,5 | 35,5 | 50 | 15,5 | 29 | 10,9 |

3520 04 1/2" 0.16 10-180 -



Ref. 3525



**Válvula esfera recta para gas, M-conexión manguera**

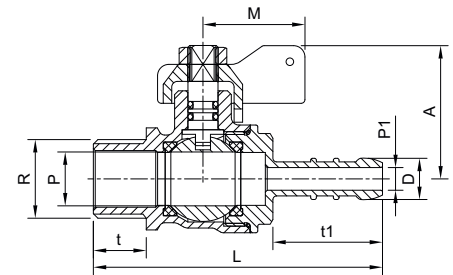
Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 M y conexión manguera. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Ball straight valve for gas, M-hose connection**

Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 M and hose connection. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P1 | P  | L    | A    | M  | t  | t1 | D    |
|------|----|----|------|------|----|----|----|------|
| 1/2" | 6  | 15 | 76,5 | 35,5 | 27 | 14 | 29 | 10,9 |

3525 04 1/2" 0.155 10-180 -



Ref. 3550



**Válvula esfera esquadra para gas, M-M**

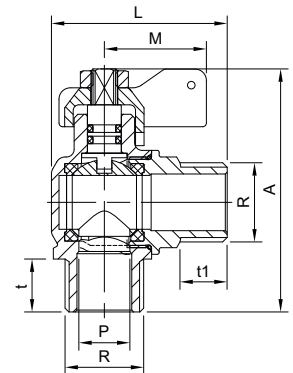
También disponible con rosca NPT (3050N). Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 M-M. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Angle ball valve for gas, M-M**

Also available NPT thread (3050N). Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 M-M. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P    | L  | A    | M  | t  | t1   |
|------|------|----|------|----|----|------|
| 1/2" | 13,5 | 46 | 64,5 | 27 | 14 | 13,5 |

3550 04 1/2" 0.158 10-180 -



Ref. 3555



**Válvula esfera esquadra para gas, M-H**

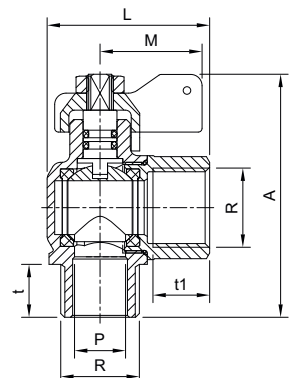
También disponible con rosca NPT (3555N). Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 M-H. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Angle ball valve for gas, M-F**

Also available NPT thread (3555N). Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 M-F. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P    | L  | A    | M  | t  | t1 |
|------|------|----|------|----|----|----|
| 1/2" | 13,5 | 43 | 64,5 | 27 | 14 | 15 |

3555 04 1/2" 0.158 10-180 -



Ref. 3560



**Válvula esfera escuadra para gas, M-conexión manguera**

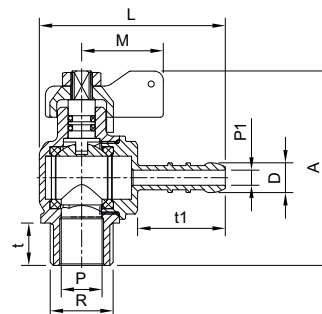
También disponible con rosca NPT (3560N). Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 M y conexión manguera. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Angle ball valve for gas, M-hose connection**

Also available NPT thread (3560N). PN25. Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 M and hose connection. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P1 | P    | L    | A    | M  | t  | t1 | D    |
|------|----|------|------|------|----|----|----|------|
| 1/2" | 6  | 13,5 | 61,5 | 64,5 | 27 | 14 | 29 | 10,9 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3560 04     | 1/2"        | 0.158       | 10-180            | -                |



Ref. 3565



**Válvula esfera escuadra para gas, H-M**

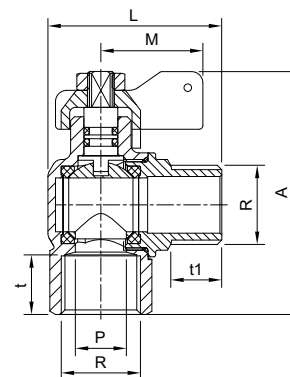
También disponible con rosca NPT (3565N). Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 H-M. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Angle ball valve for gas, F-M**

Also available NPT thread (3565N). Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 F-M. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P    | L  | A    | M  | t    | t1   |
|------|------|----|------|----|------|------|
| 1/2" | 13,5 | 46 | 64,5 | 27 | 15,5 | 13,5 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3565 04     | 1/2"        | 0.169       | 10-180            | -                |



Ref. 3570



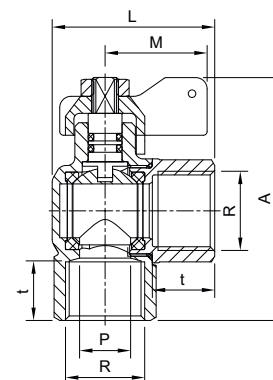
**Válvula esfera escuadra para gas, H-H**

También disponible con rosca NPT (3570N). Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 H-H. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Angle ball valve for gas, F-F**

Also available NPT thread (3570N). Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 F-F. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3570 04     | -           | 0.17        | 10-180            | -                |



Ref. 3575



**Válvula esfera escuadra para gas, H-conexión manguera**

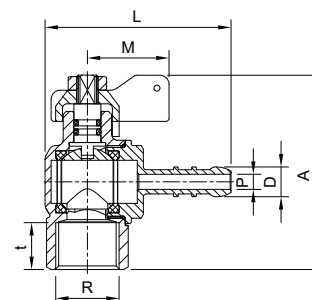
Paso total. Construcción en latón según UNE-EN 12165 cromado. Asientos PTFE. Clase MOP 5 (0 a 5 bar). Juntas de NBR. Extremos roscados según ISO 7/1 H y conexión manguera. Rango de temperatura -20°C a 60°C. Mando palomilla de aluminio, precintable.

**Angle ball valve for gas, F-hose connection**

Full bore. Chrome plated body brass UNE-EN 12165. PTFE seats. MOP 5 class (0 to 5 bar). NBR joints. Threaded ends according to ISO 7/1 F and hose connection. Temperature range -20°C to 60°C. Aluminum butterfly handle, sealable.

| R    | P | L    | A    | M  | t    | D    |
|------|---|------|------|----|------|------|
| 1/2" | 6 | 61,5 | 64,5 | 27 | 15,5 | 10,9 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 3575 04     | 1/2"        | 0.171       | 10-180            | -                |



Ref. 3312



### Filtro polivalente para gas

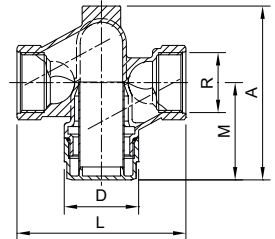
PN 16. Cuerpo latón UNE-EN 12165 cromado. Extremos rosca gas (BSP) H-H - ISO 228/1. Tamiz: acero inox. AISI 304. Luz: 50 micras. Junta tórica NBR. Temp. máx. 110°C.

### In-line strainer for gas

PN 16. Body chrome plated brass UNE-EN 12165. Gas threaded ends (BSP) F-F - ISO 228/1. Sieve: stainless steel AISI 304. Light: 50 microns. NBR o-ring. Max. temp. 110°C.

| R      | D  | L   | M  | A   |
|--------|----|-----|----|-----|
| 1/2"   | 27 | 58  | 36 | 62  |
| 3/4"   | 33 | 74  | 43 | 76  |
| 1"     | 40 | 90  | 48 | 87  |
| 1 1/4" | 49 | 115 | 56 | 105 |
| 1 1/2" | 58 | 135 | 66 | 115 |
| 2"     | 71 | 161 | 80 | 135 |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
| 3312 04        | 1/2"           | 0.145          | 10-160               | -                   |
| 3312 05        | 3/4"           | 0.239          | 8-80                 | -                   |
| 3312 06        | 1"             | 0.35           | 6-60                 | -                   |
| 3312 07        | 1 1/4"         | 0.655          | 5-30                 | -                   |
| 3312 08        | 1 1/2"         | 1.007          | 2-12                 | -                   |
| 3312 09        | 2"             | 1.53           | 1-8                  | -                   |

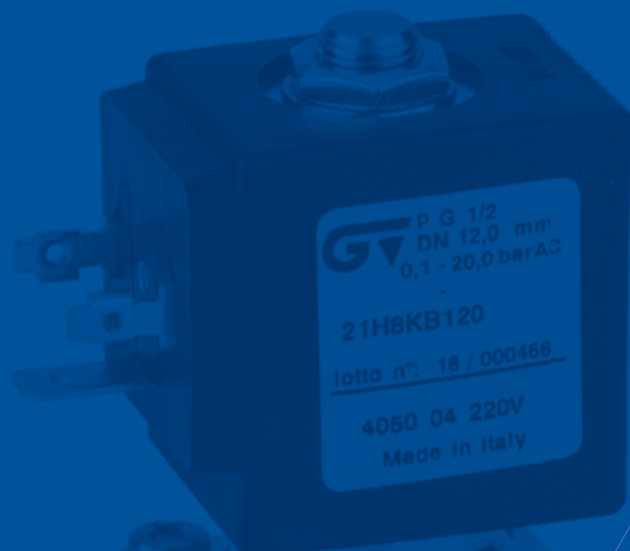


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04

# ELECTROVÁLVULAS SOLENOID VALVES

**Gama completa de electroválvulas para diferentes aplicaciones en el sector industrial, en versiones de acción directa, indirecta y combinada.**

Complete range of solenoid valves for different applications in the industrial sector, with 3 versions: direct, indirect and combined actuating.

# Electroválvulas

## Solenoid valves

### Principales tipos de electroválvulas

#### Main types of solenoid valves

##### Acción directa (2 o 3 vías)

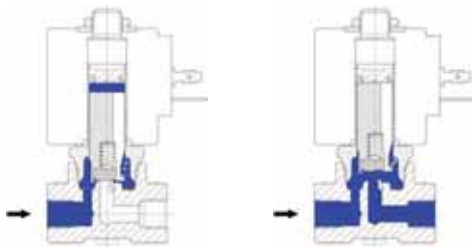
Las electroválvulas de acción directa, por diseño, permiten trabajar en las siguientes condiciones:

- Caudal máximo de 9 l/min (orificio máximo de 5,5 mm)
- Diferencial de presión  $\Delta P \geq 0$  bar entre la entrada y la salida)

##### Direct acting (2 and 3 ways)

The design of direct acting solenoid valves allow working under this conditions:

- 9 l/min. maximum flow rate (max. orifice 5,5 mm)
- Pressure difference  $\Delta P \geq 0$  bar between inlet and outlet)



**Bobina desenergizada**  
Coil de-energized  
**Electroválvula cerrada**  
Solenoid valve closed

**Bobina desenergizada**  
Coil de-energized  
**Electroválvula abierta**  
Solenoid valve open

##### Acción indirecta (2 vías)

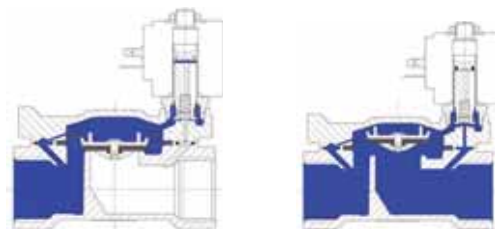
Las electroválvulas de acción indirecta, por diseño, permiten trabajar en las siguientes condiciones:

- Caudal máximo de 750 l/min (orificio máximo de 50 mm)
- Diferencial de presión  $\Delta P 0,2$  bar

##### Indirect acting (2 ways)

The design of indirect acting solenoid valves allow working under this conditions:

- 750 l/min. maximum flow rate (max. orifice 50 mm)
- Pressure difference  $\Delta P 0,2$  bar minimum between inlet and outlet)



**Bobina desenergizada**  
Coil de-energized  
**Electroválvula cerrada**  
Solenoid valve closed

**Bobina desenergizada**  
Coil de-energized  
**Electroválvula abierta**  
Solenoid valve open

##### Acción mixta o combinada (2 vías)

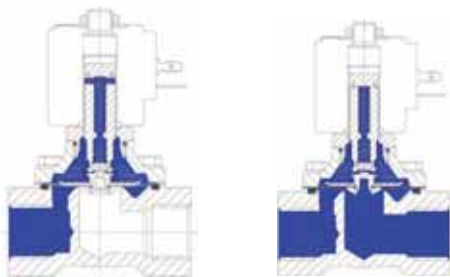
Las electroválvulas de acción mixta, por diseño, permiten trabajar en las siguientes condiciones:

- Caudal máximo de 140 l/min (orificio máximo de 25 mm)
- Diferencial de presión  $\Delta P \geq 0$  bar entre la entrada y la salida)

##### Combined acting (2 ways)

The design of combined acting solenoid valves allow working under this conditions:

- 140 l/min. maximum flow rate (max. orifice 25 mm)
- Pressure difference  $\Delta P \geq 0$  bar between inlet and outlet)



**Bobina desenergizada**  
Coil de-energized  
**Electroválvula cerrada**  
Solenoid valve closed

**Bobina desenergizada**  
Coil de-energized  
**Electroválvula abierta**  
Solenoid valve open

##### Cómo se codifican las electroválvulas

How is the codification for solenoid valves

**4XXX XX XXXV**

##### Electroválvula

Solenoid valve

- 2 vías / ways
- N.C.
- Normalmente cerrada  
Normally closed
- Acción mixta  
Mixed acting

##### Medida

Size

- 00: B/p
- 02: G 1/4"
- 03: G 3/8"
- 04: G 1/2"
- 05: G 3/4"
- 06: G 1"
- 07: G 1" 1/4"
- 08: G 1" 1/2"
- 09: G 2"

##### Bobina

Coil

- A12V: 12V AC-50 Hz
- C12V: 12V DC
- C24V: 24V DC
- A24V: 24V AC-50/60 Hz
- 110V: 110V AC-50/60 Hz
- 220V: 220/230V AC- 50/60 Hz

Ref. 4030 - 4031



**Electroválvula de acción directa 2 vías N.C.**

PN 40. Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM (otros cierres consultar). Bobina 8W.

**2 ways direct acting solenoid valve N.C**

PN 40. Normally closed. Direct acting. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing (consult for other sealings). Coil 8W.

**(4031)**

Igual características que la anterior con bobina 14 W  
Same characteristics as above with 14 W coil

**Recambios**

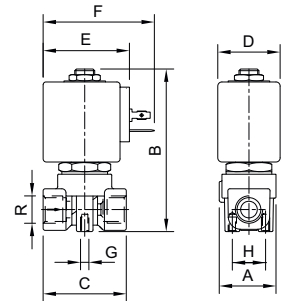
Conjunto núcleo móvil - E020V  
Conjunto tubo guía - E025

**Spare parts**

Plunger set - E020V  
Conductor pipe set - E025

| Ref.    | R    | PN | A mm | B mm | C mm | Ø mm | Presiones / Pressure |                      |        | Potencia / Power |       | Kv |
|---------|------|----|------|------|------|------|----------------------|----------------------|--------|------------------|-------|----|
|         |      |    |      |      |      |      | min. bar             | max. M.O.P.D. AC bar | DC bar | (watt)           | l/min |    |
| 4030 01 | 1/8" | 40 | 28   | 78   | 40   | 2,5  | 0                    | 14                   | 9      | 8                | 3,2   |    |
| 4030 02 | 1/4" | 40 | 28   | 78   | 40   | 2,5  | 0                    | 14                   | 9      | 8                | 3,2   |    |
| 4031 01 | 1/8" | 40 | 28   | 78   | 40   | 2,5  | 0                    | 30                   | 25     | 14               | 3,2   |    |
| 4031 02 | 1/4" | 40 | 28   | 78   | 40   | 2,5  | 0                    | 30                   | 25     | 14               | 3,2   |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |
| 14 W   | 52     | 55     | 67     |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4030 01     | 1/8"        | 0.31        | 1                 | -                |
| 4030 02     | 1/4"        | 0.31        | 1                 | -                |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4031 01 | 1/8" | 0.01 | 1 | - |
| 4031 02 | 1/4" | 0.63 | 1 | - |

|       |   |      |   |   |
|-------|---|------|---|---|
| E020V | - | 0.02 | 1 | - |
| E025  | - | 0.04 | 1 | - |

Ref. 4030Q



**Electroválvula de acción directa 2 vías N.C.**

PN 40. Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM (otros cierres consultar). Bobina 8W con certificación CE-UL-CSA-VDE.

**2 ways direct acting solenoid valve N.C**

PN 40. Normally closed. Direct acting. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing (consult for other sealings). 8W coil certified CE-UL-CSA-VDE.

**Recambios**

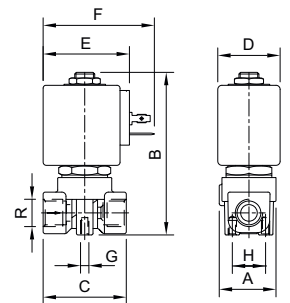
Conjunto núcleo móvil - E020V  
Conjunto tubo guía - E025

**Spare parts**

Plunger set - E020V  
Conductor pipe set - E025

| R    | PN | A mm | B mm | C mm | Ø mm | Presiones / Pressure |                      |        | Potencia / Power |       | Kv |
|------|----|------|------|------|------|----------------------|----------------------|--------|------------------|-------|----|
|      |    |      |      |      |      | min. bar             | max. M.O.P.D. AC bar | DC bar | (watt)           | l/min |    |
| 1/8" | 40 | 28   | 78   | 40   | 2,5  | 0                    | 14                   | 9      | 8                | 3,2   |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



|          |      |      |   |   |
|----------|------|------|---|---|
| 4030Q 01 | 1/8" | 0.33 | 1 | - |
|----------|------|------|---|---|

|       |   |      |   |   |
|-------|---|------|---|---|
| E020V | - | 0.02 | 1 | - |
| E025  | - | 0.04 | 1 | - |

Ref. 4032



**Electroválvula de acción directa 2 vías N.C. Certificación NSF.**

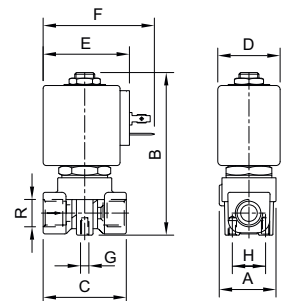
PN 40. Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM (otros cierres consultar). Certificación NSF. Bobina 8W con certificación CE-UL-CSA-VDE.

**2 ways direct acting solenoid valve N.C. NSF certification.**

PN 40. Normally closed. Direct acting. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing (consult for other sealings). NSF certification. 8W coil certified CE-UL-CSA-VDE.

| R    | PN | A mm | B mm | C mm | Ø mm | Presiones / Pressure |                      |        | Potencia / Power |       | Kv |
|------|----|------|------|------|------|----------------------|----------------------|--------|------------------|-------|----|
|      |    |      |      |      |      | min. bar             | max. M.O.P.D. AC bar | DC bar | (watt)           | l/min |    |
| 1/8" | 40 | 28   | 78   | 40   | 2,5  | 0                    | 14                   | 9      | 8                | 3,2   |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



|         |      |      |   |   |
|---------|------|------|---|---|
| 4032 01 | 1/8" | 0.32 | 1 | - |
|---------|------|------|---|---|

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 4210



**Electroválvula de acción directa 2 vías N.C.**

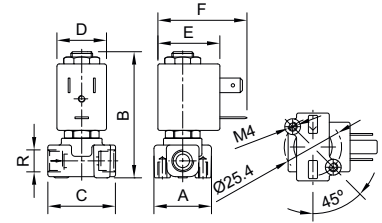
PN 25. Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM (otros cierres consultar). Bobina 5W.

**2 ways direct acting solenoid valve N.C.**

PN 25. Normally closed. Direct acting. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing (consult for other sealings). Coil 5W.

| R    | PN | A mm | B mm | C mm | Ø   | Presiones / Pressure |               |        | Potencia / Power |       |
|------|----|------|------|------|-----|----------------------|---------------|--------|------------------|-------|
|      |    |      |      |      |     | min.                 | max. M.O.P.D. |        | (watt)           | l/min |
|      |    |      |      |      | mm  | bar                  | AC bar        | DC bar |                  |       |
| 1/8" | 25 | 25   | 56   | 30   | 2,3 | 0                    | 18            | 8      | 5                | 2,3   |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 5W     | 22     | 28     | 40     |



|         |      |      |   |   |
|---------|------|------|---|---|
| 4210 01 | 1/8" | 0.13 | 1 | - |
|---------|------|------|---|---|

Ref. 4220



**Electroválvula de acción directa 2 vías N.C.**

PN 40. Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 8W.

**2 ways direct acting solenoid valve N.C.**

PN 40. Normally closed. Direct acting. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 8W.

**Recambios**

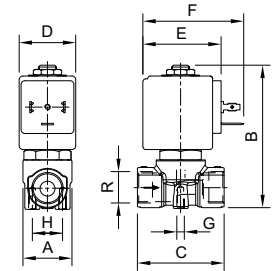
Conjunto núcleo móvil 1/8"-1/4" - E026V  
Conjunto núcleo móvil 3/8"-1/2" - E027V

**Spare parts**

Plunger set 1/8"-1/4" - E026V  
Plunger set 3/8"-1/2" - E027V

| R    | PN | A mm | B mm | C mm | Ø   | Presiones / Pressure |               |        | Potencia / Power |       |
|------|----|------|------|------|-----|----------------------|---------------|--------|------------------|-------|
|      |    |      |      |      |     | min.                 | max. M.O.P.D. |        | (watt)           | l/min |
|      |    |      |      |      | mm  | bar                  | AC bar        | DC bar |                  |       |
| 1/8" | 40 | 17   | 63   | 37   | 2,8 | 0                    | 14            | 10     | 8                | 3,5   |
| 1/4" | 40 | 17   | 63   | 37   | 2,8 | 0                    | 14            | 10     | 8                | 3,5   |
| 3/8" | 40 | 26   | 76   | 46   | 4,5 | 0                    | 5             | 2      | 8                | 6,5   |
| 1/2" | 40 | 26   | 76   | 58   | 5,5 | 0                    | 3             | 1      | 8                | 9     |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



|         |      |       |   |   |
|---------|------|-------|---|---|
| 4220 01 | 1/8" | 0.238 | 1 | - |
|---------|------|-------|---|---|

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4220 02 | 1/4" | 0.228 | 1 | - |
|---------|------|-------|---|---|

|         |      |     |   |   |
|---------|------|-----|---|---|
| 4220 03 | 3/8" | 0.3 | 1 | - |
|---------|------|-----|---|---|

|         |      |      |   |   |
|---------|------|------|---|---|
| 4220 04 | 1/2" | 0.33 | 1 | - |
|---------|------|------|---|---|

|       |             |      |   |   |
|-------|-------------|------|---|---|
| E026V | 1/8" - 1/4" | 0.01 | 1 | - |
|-------|-------------|------|---|---|

|       |             |       |   |   |
|-------|-------------|-------|---|---|
| E027V | 3/8" - 1/2" | 0.018 | 1 | - |
|-------|-------------|-------|---|---|

Ref. 4221



**Electroválvula de acción directa 2 vías N.C.**

PN 40. Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 8W con cable saliente.

**2 ways direct acting solenoid valve N.C.**

PN 40. Normally closed. Direct acting. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 8W with external wire.

**Recambios**

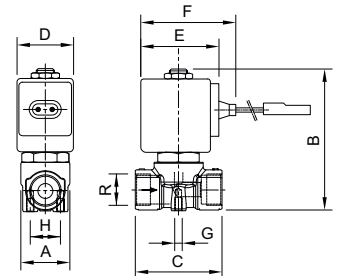
Conjunto núcleo móvil 1/8"-1/4" - E026V  
Conjunto núcleo móvil 3/8"-1/2" - E027V

**Spare parts**

Plunger set 1/8"-1/4" - E026V  
Plunger set 3/8"-1/2" - E027V

| R    | PN | A mm | B mm | C mm | Ø   | Presiones / Pressure |               |        | Potencia / Power |       |
|------|----|------|------|------|-----|----------------------|---------------|--------|------------------|-------|
|      |    |      |      |      |     | min.                 | max. M.O.P.D. |        | (watt)           | l/min |
|      |    |      |      |      | mm  | bar                  | AC bar        | DC bar |                  |       |
| 1/4" | 40 | 17   | 63   | 37   | 2,8 | 0                    | 14            | 10     | 8                | 3,5   |
| 3/8" | 40 | 26   | 76   | 46   | 4,5 | 0                    | 5             | 2      | 8                | 6,5   |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



|         |      |      |   |   |
|---------|------|------|---|---|
| 4221 02 | 1/4" | 0,24 | 1 | - |
|---------|------|------|---|---|

|         |      |      |   |   |
|---------|------|------|---|---|
| 4221 03 | 3/8" | 0,30 | 1 | - |
|---------|------|------|---|---|

|       |             |      |   |   |
|-------|-------------|------|---|---|
| E026V | 1/8" - 1/4" | 0.01 | 1 | - |
|-------|-------------|------|---|---|

|       |             |       |   |   |
|-------|-------------|-------|---|---|
| E027V | 3/8" - 1/2" | 0.018 | 1 | - |
|-------|-------------|-------|---|---|



Ref. 4222



**Electroválvula de acción directa 2 vías N.C.**

PN 40. Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 8W con certificación CE-UL-CSA-VDE.

**2 ways direct acting solenoid valve N.C.**

PN 40. Normally closed. Direct acting. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. 8W coil certified CE-UL-CSA-VDE.

**Recambios**

Conjunto núcleo móvil 1/8"-1/4" - E026V

**Spare parts**

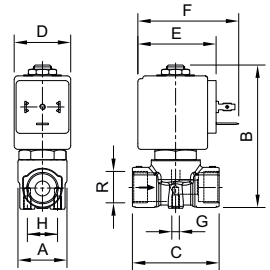
Plunger set 1/8"-1/4" - E026V

| R    | PN | A mm | B mm | C mm | Ø      | Presiones / Pressure |                      |        | Potencia / Power (watt) | Kv        |
|------|----|------|------|------|--------|----------------------|----------------------|--------|-------------------------|-----------|
|      |    |      |      |      |        | min. bar             | max. M.O.P.D. AC bar | DC bar |                         |           |
| 1/8" | 40 | 17   | 63   | 37   | 2,2 mm | 0                    | 14                   | 10     | 8                       | 2,1 l/min |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4222 01     | 1/8"        | 0.25        | 1                 | -                |

|       |             |      |   |   |
|-------|-------------|------|---|---|
| E026V | 1/8" - 1/4" | 0.01 | 1 | - |
|-------|-------------|------|---|---|



Ref. 4223RC



**Electroválvula de acción directa 2 vías N.C.**

PN 130. Normalmente cerrada. Acción directa. Temperatura del fluido -40°C / +180°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de Rubí. Bobina 14W con certificación CE-UL-CSA-VDE.

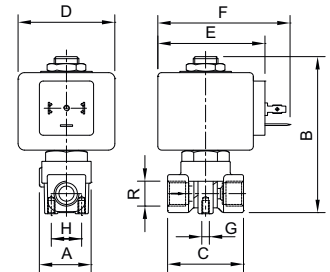
**2 ways direct acting solenoid valve N.C.**

PN 130. Normally closed. Direct acting. Fluid temperature -40°C / +180°C. Body brass UNE-EN 12165. Stainless steel control pilot. Ruby sealing. 14W coil certified CE-UL-CSA-VDE.

| R    | PN  | A mm | B mm | C mm | Ø      | Presiones / Pressure |                      |        | Potencia / Power (watt) | Kv      |
|------|-----|------|------|------|--------|----------------------|----------------------|--------|-------------------------|---------|
|      |     |      |      |      |        | min. bar             | max. M.O.P.D. AC bar | DC bar |                         |         |
| 1/4" | 130 | 28   | 78   | 40   | 1,2 mm | 0                    | 130                  | 130    | 14                      | 1 l/min |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 14W    | 52     | 55     | 67     |

|           |      |       |   |   |
|-----------|------|-------|---|---|
| 4223RC 02 | 1/4" | 0.536 | 1 | - |
|-----------|------|-------|---|---|



Ref. 4232



**Electroválvula de acción directa 2 vías N.C.**

PN 40. Base plana Normalmente cerrada. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM (otros cierres consultar). Bobina 8W.

**2 ways direct acting solenoid valve N.C.**

PN 40. Flat base. Normally closed. Direct acting. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing (consult for other sealings). Coil 8W.

**Recambios**

Conjunto núcleo móvil - E020V

Conjunto tubo guía - E025

**Spare parts**

Plunger set - E020V

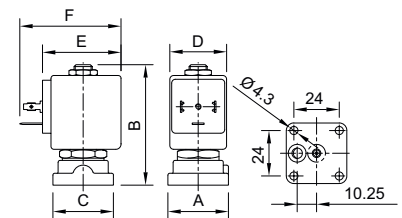
Conductor pipe set - E025

| PN | A mm | B mm | C mm | Ø    | Presiones / Pressure |                      |        | Potencia / Power (watt) | Kv      |
|----|------|------|------|------|----------------------|----------------------|--------|-------------------------|---------|
|    |      |      |      |      | min. bar             | max. M.O.P.D. AC bar | DC bar |                         |         |
| 40 | 32   | 63   | 32   | 2 mm | 0                    | 22                   | 16     | 8                       | 2 l/min |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4232 00 | b/pl | 0.263 | 1 | - |
|---------|------|-------|---|---|

|       |   |      |   |   |
|-------|---|------|---|---|
| E020V | - | 0.02 | 1 | - |
| E025  | - | 0.04 | 1 | - |



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 4250



**Electroválvula de acción directa 2 vías N.C.**

Normalmente cerrada. Acción directa. Temperatura del fluido +2°C / +100°C. Cuerpo en latón UNE-EN 12165, PSU y PA. Piloto mando Acero Inox. Membrana VMQ (silicona), fluido separado para distribuidores automáticos de bebidas. Bobina 8W.

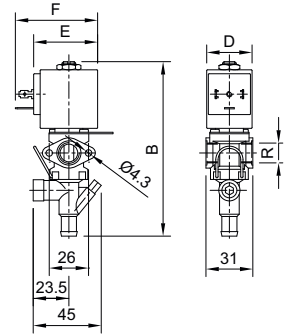
**2 ways direct acting solenoid valve N.C.**

Normally closed. Direct acting. Fluid temperature +2°C / + 100°C. Body brass UNE-EN 12165, PSU and PA. Stainless steel control pilot. VMQ (silicon) membrane, fluid separated for automatic drink distributors. Coil 8W.

| R    | Ø  | Presiones / Pressure |               |        |   | Potencia / Power<br>(watt) | Kv<br>l/min |
|------|----|----------------------|---------------|--------|---|----------------------------|-------------|
|      |    | min.                 | max. M.O.P.D. |        |   |                            |             |
|      | mm | bar                  | AC bar        | DC bar |   |                            |             |
| 1/4" | 9  | 0                    | 0,3           | 0,3    | 8 | 2,5                        |             |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4250 02 | 1/4" | 0.33 | 1 | - |
|---------|------|------|---|---|



Ref. 4440



**Electroválvula de acción directa 2 vías N.C.**

PN 25. Normalmente cerrada. Paso angular. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina de 8W con certificación CE-UL-CSA-VDE.

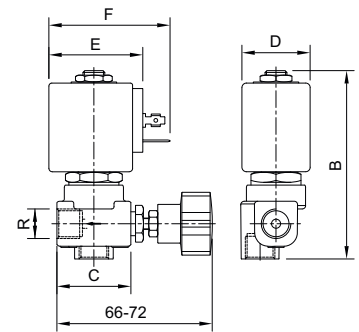
**2 ways direct acting solenoid valve N.C**

PN 25. Normally closed. Angle bore. Direct acting. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 8W certified CE-UL-CSA-VDE.

| R    | PN | B  | C    | Ø      | Presiones / Pressure |               |   |   | Potencia / Power<br>(watt) | Kv<br>l/min |
|------|----|----|------|--------|----------------------|---------------|---|---|----------------------------|-------------|
|      |    |    |      |        | min.                 | max. M.O.P.D. |   |   |                            |             |
|      |    | mm | bar  | AC bar | DC bar               |               |   |   |                            |             |
| 1/4" | 25 | 84 | 32,5 | 3      | 0                    | 10            | 4 | 8 | 4                          |             |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |

|         |      |     |   |   |
|---------|------|-----|---|---|
| 4440 02 | 1/4" | 0.4 | 1 | - |
|---------|------|-----|---|---|



Ref. 4040 - 4041



**Electroválvula de acción directa 2 vías N.A.**

PN 40. Normalmente abierta. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM (otros cierres consultar). Bobina 8W.

**2 ways direct acting solenoid valve N.O.**

PN 40. Normally open. Direct acting. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing (consult for other sealings). Coil 8W.

**(4041)**

Igual características que la anterior con bobina 14 W coil  
Same characteristics as above with 14 W coil

**Recambios**

Conjunto núcleo móvil + conjunto tubo guía - E030V

**Spare parts**

Plunger set & conductor pipe set - E030V

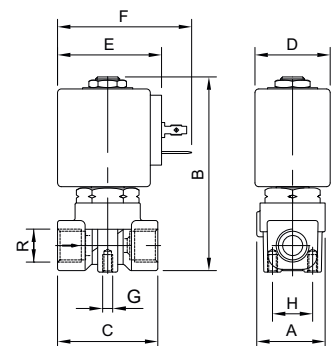
| Ref.    | R    | PN | A mm. | B mm. | C mm. | Ø   | Presiones / Pressure |               |        |    | Potencia / Power |    |
|---------|------|----|-------|-------|-------|-----|----------------------|---------------|--------|----|------------------|----|
|         |      |    |       |       |       |     | min.                 | max. M.O.P.D. |        |    | (watt)           | Kv |
|         |      |    |       |       |       | mm  | bar                  | AC bar        | DC bar |    | l/min            |    |
| 4040 01 | 1/8" | 40 | 28    | 78    | 40    | 2,5 | 0                    | 14            | 14     | 8  | 3,2              |    |
| 4040 02 | 1/4" | 40 | 28    | 78    | 40    | 2,5 | 0                    | 14            | 14     | 8  | 3,2              |    |
| 4041 01 | 1/8" | 40 | 28    | 78    | 40    | 2,5 | 0                    | 17            | 17     | 14 | 3,2              |    |
| 4041 02 | 1/4" | 40 | 28    | 78    | 40    | 2,5 | 0                    | 17            | 17     | 14 | 3,2              |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |
| 14 W   | 52     | 55     | 67     |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4040 01 | 1/8" | 0.32 | 1 | - |
| 4040 02 | 1/4" | 0.3  | 1 | - |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4041 01 | 1/8" | 0.01 | 1 | - |
| 4041 02 | 1/4" | 0.01 | 1 | - |

|       |             |       |   |   |
|-------|-------------|-------|---|---|
| E030V | 1/8" - 1/4" | 0.058 | 1 | - |
|-------|-------------|-------|---|---|



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 4240



### Electroválvula de acción directa 2 vías N.A.

PN 25. Normalmente abierta. Acción directa. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 8W.

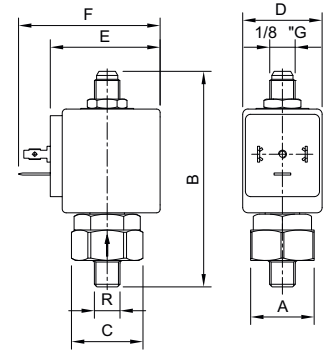
### 2 ways direct acting solenoid valve N.O.

PN 25. Normally opened. Direct acting. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 8W.

| R    | PN | A  | B  | C  | Ø   | Presiones / Pressure |               |        | Potencia / Power | Kv    |
|------|----|----|----|----|-----|----------------------|---------------|--------|------------------|-------|
|      |    |    |    |    |     | min.                 | max. M.O.P.D. |        |                  |       |
|      |    |    |    |    | mm  | bar                  | AC bar        | DC bar | (watt)           | l/min |
| 1/8" | 25 | 24 | 81 | 27 | 2,5 | 0                    | 18            | 18     | 8                | 3,5   |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4240 01 | 1/8" | 0,256 | 1 | - |
|---------|------|-------|---|---|



Ref. 4340



### Electroválvula de acción directa 3 vías N.C

PN 40. Normalmente cerrada. Acción directa. Paso interior Ø 1,2. Paso tubo superior Ø 1,5. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 5W.

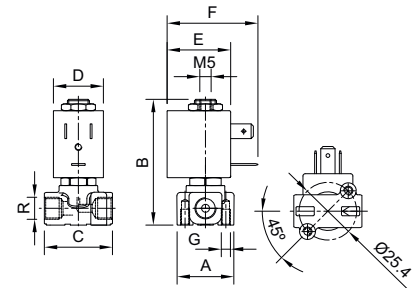
### 3 ways direct acting solenoid valve N.C.

PN 40. Normally closed. Direct acting. Internal bore Ø 1,2. Top cone bore Ø 1,5. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 5W.

| R    | PN | A mm. | B mm. | C mm. | Ø   | Presiones / Pressure |               |        | Potencia / Power | Kv    |
|------|----|-------|-------|-------|-----|----------------------|---------------|--------|------------------|-------|
|      |    |       |       |       |     | min.                 | máx. M.O.P.D. |        |                  |       |
|      |    |       |       |       | mm  | bar                  | AC bar        | DC bar | (watt)           | l/min |
| 1/8" | 40 | 25    | 56    | 30    | 1,2 | 0                    | 15            | 15     | 5                | 1     |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 22     | 28     | 40     |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4340 01 | 1/8" | 0,13 | 1 | - |
|---------|------|------|---|---|



# Cómo se codifican las electroválvulas

## How is the codification for solenoid valves

4XXX XX XXXV

### Electroválvula Solenoid valve

- 2 vías / ways
- N.C.  
Normalmente cerrada  
Normally closed
- Acción mixta  
Mixed acting

### Medida Size

- 00: B/p
- 02: G 1/4"
- 03: G 3/8"
- 04: G 1/2"
- 05: G 3/4"
- 06: G 1"
- 07: G 1" 1/4"
- 08: G 1" 1/2"
- 09: G 2"

### Bobina Coil

- A12V: 12V AC-50 Hz
- C12V: 12V DC
- C24V: 24V DC
- A24V: 24V AC-50/60 Hz
- 110V: 110V AC-50/60 Hz
- 220V: 220/230V AC- 50/60 Hz

Ref. 4320 - 4322 -  
4324 - 4328



**Electroválvula de acción directa 3 vías N.C.**

PN 40. Normalmente cerrada. Acción directa. Paso interior Ø 2,5. Paso tubo superior Ø 2,5. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 8W.

**3 ways direct acting solenoid valve N.C.**

PN 40. Normally closed. Direct acting. Internal bore Ø 2,5. Top cone bore Ø 2,5. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 8W.

**(4322)**

Igual características que la anterior. Paso interior Ø2. Paso tubo superior Ø2,5.  
Same characteristics as above. Internal bore Ø2. Top cone bore Ø2,5

**(4324)**

Igual características que la anterior. Paso interior Ø1,5. Paso tubo superior Ø2,5.  
Same characteristics as above. Internal bore Ø1,5. Top cone bore Ø2,5

**(4328)**

Igual características que la anterior. Paso interior Ø1,5. Paso tubo superior Ø1,5.  
Same characteristics as above. Internal bore Ø1,5. Top cone bore Ø1,5

**Recambios**

Conjunto núcleo móvil - E038V  
Conjunto núcleo móvil - E039V  
Conjunto tubo guía - E035

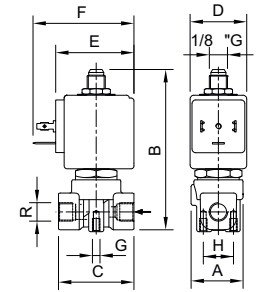
**Spare parts**

Plunger set - E038V  
Plunger set - E039V  
Conductor pipe set - E035

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4320 01     | 1/8"        | 0.32        | 1                 | -                |
| 4320 02     | 1/4"        | 0.31        | 1                 | -                |
| 4322 01     | 1/8"        | 0.32        | 1                 | -                |
| 4322 02     | 1/4"        | 0.31        | 1                 | -                |
| 4324 01     | 1/8"        | 0.3         | 1                 | -                |
| 4324 02     | 1/4"        | 0.31        | 1                 | -                |
| 4328 01     | 1/8"        | 0.32        | 1                 | -                |
| 4328 02     | 1/4"        | 0.33        | 1                 | -                |
| E038V       | -           | 0.016       | 1                 | -                |
| E039V       | -           | 0.03        | 1                 | -                |
| E035        | -           | 0.042       | 1                 | -                |

| Ref     | R    | PN | A mm. | B mm. | C mm. | Ø mm | Presiones / Pressure |             |                 | Potencia / Power (watt) | Kv l/min |
|---------|------|----|-------|-------|-------|------|----------------------|-------------|-----------------|-------------------------|----------|
|         |      |    |       |       |       |      | min. bar             | max. AC bar | M.O.P.D. DC bar |                         |          |
| 4320 01 | 1/8" | 40 | 27,5  | 86    | 40    | 2,5  | 0                    | 6           | 6               | 8                       | 3,2      |
| 4320 02 | 1/4" | 40 | 27,5  | 86    | 40    | 2,5  | 0                    | 6           | 6               | 8                       | 3,2      |
| 4322 01 | 1/8" | 40 | 27,5  | 86    | 40    | 2    | 0                    | 10          | 10              | 8                       | 2        |
| 4322 02 | 1/4" | 40 | 27,5  | 86    | 40    | 2    | 0                    | 10          | 10              | 8                       | 2        |
| 4324 01 | 1/8" | 40 | 27,5  | 86    | 40    | 1,5  | 0                    | 15          | 15              | 8                       | 1,4      |
| 4324 02 | 1/4" | 40 | 27,5  | 86    | 40    | 1,5  | 0                    | 15          | 15              | 8                       | 1,4      |
| 4328 01 | 1/8" | 40 | 27,5  | 86    | 40    | 1,5  | 0                    | 10          | 10              | 8                       | 1,4      |
| 4328 02 | 1/4" | 40 | 27,5  | 86    | 40    | 1,5  | 0                    | 10          | 10              | 8                       | 1,4      |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |



Ref. 4321

**Electroválvula de acción directa 3 vías N.C.**

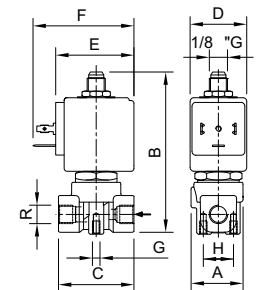
PN 40. Normalmente cerrada. Acción directa. Paso interior Ø 3. Paso tubo superior Ø 3. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 8W.

**3 ways direct acting solenoid valve N.C.**

PN 40. Normally closed. Direct acting. Internal bore Ø 3. Top cone bore Ø 3. Fluid temperature -10°C / +140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 8W.

| R    | PN | A mm. | B mm. | C mm. | Ø mm | Presiones / Pressure |             |                 | Potencia / Power (watt) | Kv l/min |
|------|----|-------|-------|-------|------|----------------------|-------------|-----------------|-------------------------|----------|
|      |    |       |       |       |      | min. bar             | max. AC bar | M.O.P.D. DC bar |                         |          |
| 1/4" | 40 | 27,5  | 86    | 40    | 3    | 0                    | 3,5         | 3,5             | 8                       | 4        |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |





Ref. 4330 - 4332 - 4335



### Electroválvula de acción directa 3 vías N.C.

PN 40. Normalmente cerrada. Acción directa. Paso interior Ø 1,5. Paso tubo superior Ø 2,5. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de FKM. Bobina 8W.

### 3 ways direct acting solenoid valve N.C.

PN 40. Normally closed. Direct acting. Internal bore Ø 1,5. Top cone bore Ø 2,5. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. Coil 8W.

#### (4332)

Igual características que la anterior. Paso interior Ø2  
Same characteristics as above - bore Ø2.

#### (4335)

Igual características que la anterior. Paso interior Ø1,5 como superior tipo "C"  
Same characteristics as above. Internal bore Ø1,5. Top cone type "C"

### Recambios

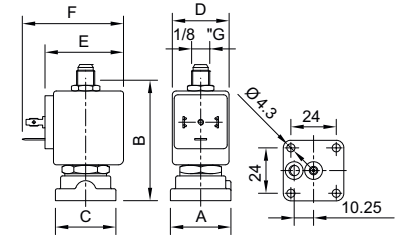
Conjunto núcleo móvil - E038V  
Conjunto tubo guía - E035

### Spare parts

Plunger set - E038V  
Conductor pipe set - E035

| R       | PN | A mm. | B mm. | C mm. | Ø   | Presiones / Pressure |               |        | Potencia / Power |       | Kv |
|---------|----|-------|-------|-------|-----|----------------------|---------------|--------|------------------|-------|----|
|         |    |       |       |       |     | min.                 | max. M.O.P.D. |        | (watt)           | l/min |    |
|         |    |       |       |       | mm  | bar                  | AC bar        | DC bar |                  |       |    |
| 4330 00 | 40 | 32    | 72    | 32    | 1,5 | 0                    | 15            | 15     | 8                | 1,4   |    |
| 4332 00 | 40 | 32    | 72    | 32    | 2   | 0                    | 10            | 10     | 8                | 2     |    |
| 4335 00 | 40 | 32    | 72    | 32    | 1,5 | 0                    | 15            | 15     | 8                | 1,4   |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |



| CÓDIGO CODE  | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|--------------|-------------|-------------|-------------------|------------------|
| 4330 00      | b/pl        | 0.267       | 1                 | -                |
| 4332 00      | b/pl        | 0.26        | 1                 | -                |
| 4335 00 110V | b/pl        | 0.264       | 1                 | -                |
| E038V        | -           | 0.016       | 1                 | -                |
| E035         | -           | 0.042       | 1                 | -                |

Ref. 4336



### Electroválvula de acción directa 3 vías N.C. Bobina con cable saliente

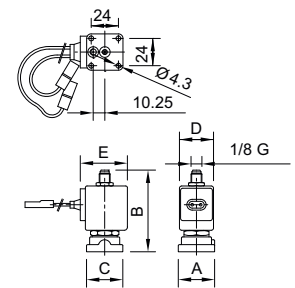
PN 40. Normalmente cerrada. Acción directa. Paso interior Ø 1,5. Paso tubo superior Ø 2,5. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre de Rubí. Bobina 8W.

### 3 ways direct acting solenoid valve N.C. With external wire coil

PN 40. Normally closed. Direct acting. Internal bore Ø 1,5. Top cone bore Ø 2,5. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. Ruby sealing. Coil 8W.

| R       | PN | A mm. | B mm. | C mm. | Ø   | Presiones / Pressure |               |        | Potencia / Power |       | Kv |
|---------|----|-------|-------|-------|-----|----------------------|---------------|--------|------------------|-------|----|
|         |    |       |       |       |     | min.                 | max. M.O.P.D. |        | (watt)           | l/min |    |
|         |    |       |       |       | mm  | bar                  | AC bar        | DC bar |                  |       |    |
| 4336 00 | 40 | 32    | 72    | 32    | 1,5 | 0                    | 15            | 15     | 8                | 1,4   |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4336 00     | b/pl        | 0.27        | 1                 | -                |

Ref. 4697



### Electroválvula de acción directa 3 vías N.C. Bobina con cable saliente

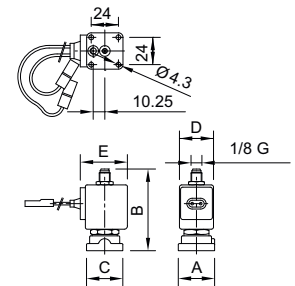
PN 40. Normalmente cerrada. Acción directa. Paso interior Ø1,5. Paso tubo superior Ø2,5. Temperatura del fluido -10°C / +140°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero inox. Cierre de FKM. bobina de 8W con cable saliente.

### 3 ways direct acting solenoid valve N.C. With external wire coil.

PN 40. Normally closed. Direct acting. Internal bore Ø1,5. Top cone bore Ø2,5. Fluid temperature -10°C / + 140°C. Body brass UNE-EN 12165. Stainless steel control pilot. FKM sealing. 8W external wire coil.

| Ref.    | PN | A mm. | B mm. | C mm. | Ø mm | Presiones/ Pressure min bar | Presiones/ Pressure max. M.O.P.D. AC bar | Presiones/ Pressure max. M.O.P.D. DC bar | Potencia/ Power (watt) | Kv l/ min |
|---------|----|-------|-------|-------|------|-----------------------------|--|--|------------------------|-----------|
| 4697 00 | 40 | 32    | 72    | 32    | 1,5  | 0                           | 15                                       | 15                                       | 8                      | 1,4       |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4697 00     | b/pl        | 0.27        | 1                 | -                |

Ref. 4020 - 4022



**Electroválvula de acción indirecta 2 vías N.C.**

También disponible con rosca NPT (ref. 4022)  
 PN 16 - PN 23 - PN 25. Normalmente cerrada. Acción indirecta. Temperatura del fluido -10°C / +90°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Membrana de NBR (bajo demanda FKM). Asiento cierre latón UNE-EN 12165. Bobina 8W.

**2 ways indirect acting solenoid valve N.C.**

Also available NPT thread (ref. 4022)  
 PN 16 - PN 23 - PN 25. Normally closed. Indirect acting. Fluid temperature -10°C / + 90°C. Body brass UNE-EN 12165. Stainless steel control pilot. NBR membrane (FKM on request). Orifice brass UNE-EN 12165. Coil 8W.

**Recambios**

- Conjunto núcleo móvil - E020B
- Conjunto tubo guía - E025
- Conjunto tubo guía inox AISI 316 - E025I
- Membrana 3/8"-1/2" - E025B
- Membrana 3/4"-1" - E022B
- Membrana 1 1/4"-1 1/2" - E023B
- Membrana 2" - E024B

**Spare parts**

- Plunger set - E020B
- Conductor pipe set - E025
- Conductor pipe set AISI 316 - E025I
- Membrane 3/8"-1/2" - E025B
- Membrane 3/4"-1" - E022B
- Membrane 1 1/4"-1 1/2" - E023B
- Membrane 2" - E024B

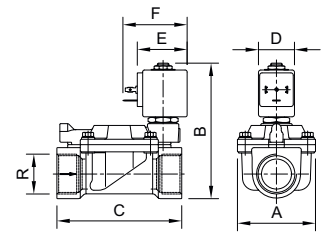
| R      | PN | A mm. | B mm. | C mm. | Ø mm | Presiones / Pressure |                      |        | Potencia / Power |          |
|--------|----|-------|-------|-------|------|----------------------|----------------------|--------|------------------|----------|
|        |    |       |       |       |      | min. bar             | max. M.O.P.D. AC bar | DC bar | (watt)           | Kv l/min |
| 3/8"   | 25 | 40    | 97    | 60    | 13   | 0,2                  | 16                   | 16     | 8                | 60       |
| 1/2"   | 25 | 40    | 97    | 66    | 13   | 0,2                  | 16                   | 16     | 8                | 70       |
| 3/4"   | 23 | 65    | 105   | 104   | 19   | 0,2                  | 16                   | 16     | 8                | 140      |
| 1"     | 23 | 65    | 112   | 104   | 25   | 0,2                  | 16                   | 16     | 8                | 190      |
| 1 1/4" | 16 | 98    | 125   | 144   | 35   | 0,2                  | 10                   | 10     | 8                | 400      |
| 1 1/2" | 16 | 98    | 125   | 144   | 40   | 0,2                  | 10                   | 10     | 8                | 520      |
| 2"     | 16 | 118   | 141   | 172   | 50   | 0,2                  | 10                   | 10     | 8                | 750      |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4020 03     | 3/8"        | 0.62        | 1                 | -                |
| 4020 04     | 1/2"        | 0.61        | 1                 | -                |
| 4020 05     | 3/4"        | 1.061       | 1                 | -                |
| 4020 06     | 1"          | 1.181       | 1                 | -                |
| 4020 07     | 1 1/4"      | 3.05        | 1                 | -                |
| 4020 08     | 1 1/2"      | 2.734       | 1                 | -                |
| 4020 09     | 2"          | 5.17        | 1                 | -                |

Precios rosca NPT a consultar / NPT thread prices on request

|       |               |       |   |   |
|-------|---------------|-------|---|---|
| E020B | -             | 0.018 | 1 | - |
| E025  | -             | 0.04  | 1 | - |
| E025I | -             | 0.04  | 1 | - |
| E025B | 3/8"-1/2"     | 0.012 | 1 | - |
| E022B | 3/4"-1"       | 0.032 | 1 | - |
| E023B | 1 1/4"-1 1/2" | 0.112 | 1 | - |
| E024B | 2"            | 0.182 | 1 | - |



Ref. 4050



**Electroválvula de acción indirecta 2 vías N.C.**

PN 16 - PN 20. Normalmente cerrada. Acción indirecta. Temperatura del fluido -10°C / +90°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Membrana de NBR (otros cierres consultar). Bobina 8W.

**2 ways indirect acting solenoid valve N.C.**

PN 16 - PN 20. Normally closed. Indirect acting. Fluid temperature -10°C / + 90°C. Body brass UNE-EN 12165. Stainless steel control pilot. NBR membrane (consult for other sealings). Coil 8W.

**Recambios**

- Conjunto núcleo móvil - E040B
- Conjunto membrana 3/8"-1/2" - E041B
- Conjunto membrana 3/4" - E042B
- Membrana FKM 3/8" - 1/2" - E041V

**Spare parts**

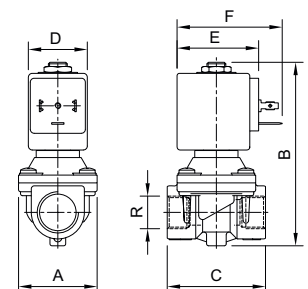
- Plunger set - E040B
- Membrane set 3/8"-1/2" - E041B
- Membrane set 3/4" - E042B
- FKM Membrane 3/8" - 1/2" - E041V

| R    | PN | A mm. | B mm. | C mm. | Ø mm | Presiones / Pressure |                      |        | Potencia / Power |          |
|------|----|-------|-------|-------|------|----------------------|----------------------|--------|------------------|----------|
|      |    |       |       |       |      | min. bar             | max. M.O.P.D. AC bar | DC bar | (watt)           | Kv l/min |
| 3/8" | 20 | 40    | 94,5  | 50    | 12   | 0,1                  | 20                   | 10     | 8                | 35       |
| 1/2" | 20 | 40    | 94,5  | 50    | 12   | 0,1                  | 20                   | 10     | 8                | 45       |
| 3/4" | 16 | 50    | 92    | 65    | 18   | 0,1                  | 16                   | 3      | 8                | 50       |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4050 03 | 3/8" | 0.49 | 1 | - |
| 4050 04 | 1/2" | 0.46 | 1 | - |
| 4050 05 | 3/4" | 0.72 | 1 | - |

|       |             |       |   |   |
|-------|-------------|-------|---|---|
| E040B | -           | 0.018 | 1 | - |
| E041B | 3/8" - 1/2" | 0.02  | 1 | - |
| E042B | 3/4"        | 0.013 | 1 | - |
| E041V | 3/8" - 1/2" | 0.008 | 1 | - |



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 4333



### Electroválvula de acción indirecta 3 vías N.C. con pistón de control piloto

PN 100. Normalmente cerrada. Acción indirecta. Paso interior Ø 12. Temperatura del fluido -20°C / +95°C. Cuerpo en latón UNE-EN 12164. Piloto mando Acero Inox. Cierre de PBT. Bobina 8W con protección antihumedad IP67.

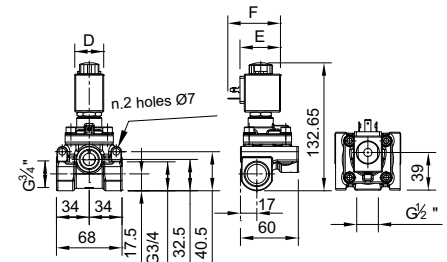
### 3 ways indirect acting solenoid valve N.C. with piston pilot control

PN 100. Normally closed. Indirect acting. Internal bore Ø 12. Fluid temperature -20°C / + 95°C. Body brass UNE-EN 12164. Stainless steel control pilot. PBT sealing. 8W coil with antihumidity IP67 protection.

| R    | PN  | Ø<br>mm | Presiones / Pressure |                         |        | Potencia / Power<br>(watt) | Kv<br>l/min |
|------|-----|---------|----------------------|-------------------------|--------|----------------------------|-------------|
|      |     |         | min.<br>bar          | max. M.O.P.D.<br>AC bar | DC bar |                            |             |
| 3/4" | 100 | 12      | 3                    | 100                     | 90     | 8                          | 60          |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |

|         |      |     |   |   |
|---------|------|-----|---|---|
| 4333 00 | 3/4" | 1.2 | 1 | - |
|---------|------|-----|---|---|



Ref. 4425



### Electroválvula de acción indirecta 2 vías N.C.

También disponible con rosca NPT (ref. 4425N)

PN 25. Normalmente cerrada. Acción indirecta. Temperatura del fluido -40°C / +180°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre en PTFE. Bobina de 8W con certificación CE-UL-CSA-VDE con protección IP67.

### 2 ways indirect acting solenoid valve N.C.

Also available NPT thread (ref. 4425N)

PN 25. Normally closed. Indirect acting. Fluid temperature -40°C / + 180°C. Body brass UNE-EN 12165. Stainless steel control pilot. PTFE sealing. 8W coil certified CE-UL-CSA-VDE with IP67 protection.

### Recambios

Conjunto núcleo móvil - E017  
Conjunto tubo guía - E025  
Pistón PTFE 1" - E014T

### Spare parts

Plunger set - E017  
Conductor pipe set - E025  
Piston PTFE 1" - E014T

| R    | PN | A<br>mm. | B<br>mm. | C<br>mm. | Ø<br>mm | Presiones / Pressure |                         |        | Potencia / Power<br>(watt) | Kv<br>l/min |
|------|----|----------|----------|----------|---------|----------------------|-------------------------|--------|----------------------------|-------------|
|      |    |          |          |          |         | min.<br>bar          | max. M.O.P.D.<br>AC bar | DC bar |                            |             |
| 1/2" | 25 | 40       | 107      | 65       | 13      | 0,9                  | 10                      | 10     | 8                          | 50          |
| 3/4" | 25 | 48       | 120      | 74       | 19      | 0,9                  | 10                      | 10     | 8                          | 90          |
| 1"   | 25 | 62       | 130      | 93       | 25      | 0,9                  | 10                      | 10     | 8                          | 160         |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4425 04 | 1/2" | 0.638 | 1 | - |
|---------|------|-------|---|---|

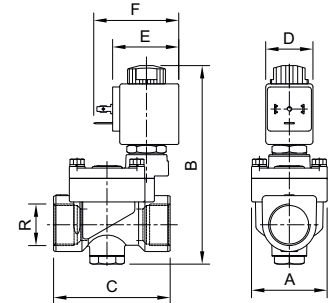
|         |      |     |   |   |
|---------|------|-----|---|---|
| 4425 05 | 3/4" | 0.9 | 1 | - |
|---------|------|-----|---|---|

|         |    |       |   |   |
|---------|----|-------|---|---|
| 4425 06 | 1" | 1.426 | 1 | - |
|---------|----|-------|---|---|

|      |   |       |   |   |
|------|---|-------|---|---|
| E017 | - | 0.018 | 1 | - |
|------|---|-------|---|---|

|      |   |      |   |   |
|------|---|------|---|---|
| E025 | - | 0.04 | 1 | - |
|------|---|------|---|---|

|       |    |       |   |   |
|-------|----|-------|---|---|
| E014T | 1" | 0.147 | 1 | - |
|-------|----|-------|---|---|



Ref. 4021



### Electroválvula de acción indirecta 2 vías N.A.

PN 16 - PN 25. Normalmente abierta. Acción indirecta. Temperatura del fluido -10°C / +90°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Membrana de NBR (bajo demanda FKM). Asiento cierre latón UNE-EN 12165. Bobina 8W.

### 2 ways indirect acting solenoid valve N.O.

PN 16 - PN25. Normally open. Indirect acting. Fluid temperature -10°C / + 90°C. Body brass UNE-EN 12165. Stainless steel control pilot. NBR membrane (FKM on request). Orifice brass UNE-EN 12165. Coil 8W.

### Recambios

Conjunto tubo guía - E030 00  
Membrana 3/8"-1/2" - E025B  
Membrana 3/4"-1" - E022B  
Membrana 1 1/4"-1 1/2" - E023B  
Membrana 2" - E024B

### Spare parts

Conductor pipe set - E030 00  
Membrane 3/8"-1/2" - E025B  
Membrane 3/4"-1" - E022B  
Membrane 1 1/4"-1 1/2" - E023B  
Membrane 2" - E024B

| R      | PN | A<br>mm. | B<br>mm. | C<br>mm. | Ø<br>mm | Presiones / Pressure |                         |        | Potencia / Power<br>(watt) | Kv<br>l/min |
|--------|----|----------|----------|----------|---------|----------------------|-------------------------|--------|----------------------------|-------------|
|        |    |          |          |          |         | min.<br>bar          | max. M.O.P.D.<br>AC bar | DC bar |                            |             |
| 3/8"   | 25 | 40       | 97       | 60       | 13      | 0,2                  | 16                      | 16     | 8                          | 60          |
| 1/2"   | 25 | 40       | 97       | 66       | 13      | 0,2                  | 16                      | 16     | 8                          | 70          |
| 3/4"   | 25 | 65       | 105      | 104      | 19      | 0,2                  | 16                      | 16     | 8                          | 140         |
| 1"     | 25 | 65       | 112      | 104      | 25      | 0,2                  | 16                      | 16     | 8                          | 190         |
| 1 1/4" | 16 | 98       | 125      | 144      | 35      | 0,2                  | 10                      | 10     | 8                          | 400         |
| 1 1/2" | 16 | 98       | 125      | 144      | 40      | 0,2                  | 10                      | 10     | 8                          | 520         |
| 2"     | 16 | 118      | 141      | 172      | 50      | 0,2                  | 10                      | 10     | 8                          | 750         |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4021 03 | 3/8" | 0.574 | 1 | - |
|---------|------|-------|---|---|

|         |      |      |   |   |
|---------|------|------|---|---|
| 4021 04 | 1/2" | 0.62 | 1 | - |
|---------|------|------|---|---|

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4021 05 | 3/4" | 1.061 | 1 | - |
|---------|------|-------|---|---|

|         |    |       |   |   |
|---------|----|-------|---|---|
| 4021 06 | 1" | 1.181 | 1 | - |
|---------|----|-------|---|---|

|         |        |      |   |   |
|---------|--------|------|---|---|
| 4021 07 | 1 1/4" | 3.05 | 1 | - |
|---------|--------|------|---|---|

|         |        |       |   |   |
|---------|--------|-------|---|---|
| 4021 08 | 1 1/2" | 2.734 | 1 | - |
|---------|--------|-------|---|---|

|         |    |      |   |   |
|---------|----|------|---|---|
| 4021 09 | 2" | 5.12 | 1 | - |
|---------|----|------|---|---|

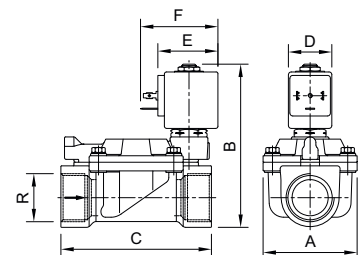
|         |   |       |   |   |
|---------|---|-------|---|---|
| E030 00 | - | 0.058 | 1 | - |
|---------|---|-------|---|---|

|       |           |       |   |   |
|-------|-----------|-------|---|---|
| E025B | 3/8"-1/2" | 0.012 | 1 | - |
|-------|-----------|-------|---|---|

|       |         |       |   |   |
|-------|---------|-------|---|---|
| E022B | 3/4"-1" | 0.032 | 1 | - |
|-------|---------|-------|---|---|

|       |               |       |   |   |
|-------|---------------|-------|---|---|
| E023B | 1 1/4"-1 1/2" | 0.112 | 1 | - |
|-------|---------------|-------|---|---|

|       |    |       |   |   |
|-------|----|-------|---|---|
| E024B | 2" | 0.182 | 1 | - |
|-------|----|-------|---|---|



Ref. 4426



**Electroválvula de acción indirecta 2 vías N.A.**

PN 25. Normalmente abierta. Acción indirecta. Temperatura del fluido -40°C / +180°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Cierre en PTFE. Bobina de 8W con certificación CE-UL-CSA-VDE con protección IP67.

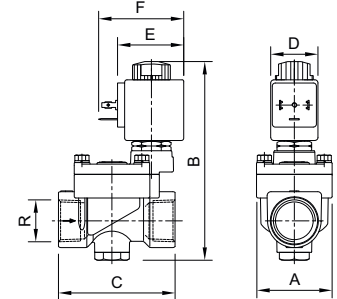
**2 ways indirect acting solenoid valve N.O.**

PN 25. Normally opened. Indirect acting. Fluid temperature -40°C / + 180°C. Body brass UNE-EN 12165. Stainless steel control pilot. PTFE sealing. 8W coil certified CE-UL-CSA-VDE with IP67 protection.

| R    | PN | A mm. | B mm. | C mm. | Ø mm | Presiones / Pressure |                      |        | Potencia / Power (watt) | Kv l/min |
|------|----|-------|-------|-------|------|----------------------|----------------------|--------|-------------------------|----------|
|      |    |       |       |       |      | min. bar             | max. M.O.P.D. AC bar | DC bar |                         |          |
| 1/2" | 25 | 40    | 107   | 65    | 13   | 0,9                  | 10                   | 10     | 8                       | 50       |
| 3/4" | 25 | 48    | 120   | 74    | 19   | 0,9                  | 10                   | 10     | 8                       | 90       |
| 1"   | 25 | 62    | 130   | 93    | 25   | 0,9                  | 10                   | 10     | 8                       | 160      |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4426 04     | 1/2"        | 0.632       | 1                 | -                |
| 4426 05     | 3/4"        | 0.906       | 1                 | -                |
| 4426 06     | 1"          | 1.426       | 1                 | -                |



Ref. 4010



**Electroválvula de acción mixta 2 vías N.C.**

PN 16. Normalmente cerrada. Acción mixta. Temperatura del fluido -10°C / +90°C. Cuerpo en latón UNE-EN 12165. Piloto mando Acero Inox. Membrana de NBR+PA. Asiento cierre latón UNE-EN 12165. Bobina de 8W para medidas 3/8" a 3/4". Bobina de 14W para medida de 1".

**2 ways mixed acting solenoid valve N.C.**

PN 16. Normally closed. Mixed acting. Fluid temperature -10°C / + 90°C. Body brass UNE-EN 12165. Stainless steel control pilot. NBR+PA membrane. Orifice brass UNE-EN 12165. 8W coil for sizes from 3/8" to 3/4". 14W coil for size of 1".

**Recambios**

Conjunto membrana con núcleo móvil 3/8" - E011  
 Conjunto membrana con núcleo móvil 1/2"-3/4" - E012/E012V  
 Conjunto membrana con núcleo móvil 1" - E013

**Spare parts**

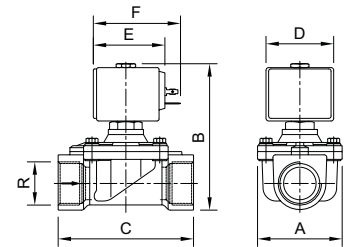
Membrane set with plunger 3/8" E011  
 Membrane set with plunger 1/2"-3/8" E0122/W012V  
 Membrane set with plunger 1" E013

| R    | PN | A mm. | B mm. | C mm. | Ø mm | Presiones / Pressure |                      |        | Potencia / Power (watt) | Kv l/min |
|------|----|-------|-------|-------|------|----------------------|----------------------|--------|-------------------------|----------|
|      |    |       |       |       |      | min. bar             | max. M.O.P.D. AC bar | DC bar |                         |          |
| 3/8" | 16 | 50    | 89    | 56    | 11   | 0                    | 14                   | 5      | 8                       | 20       |
| 1/2" | 16 | 50    | 100   | 70    | 16   | 0                    | 14                   | 2,5    | 8                       | 40       |
| 3/4" | 16 | 50    | 100   | 70    | 16   | 0                    | 14                   | 1,5    | 8                       | 40       |
| 1"   | 16 | 65    | 112   | 104   | 25   | 0                    | 14                   | 6      | 14                      | 120      |

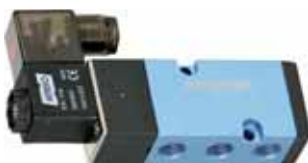
| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |
| 14 W   | 52     | 55     | 67     |

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4010 03 | 3/8" | 0.47  | 1 | - |
| 4010 04 | 1/2" | 0.738 | 1 | - |
| 4010 05 | 3/4" | 0.658 | 1 | - |
| 4010 06 | 1"   | 1.365 | 1 | - |

|       |      |       |   |   |
|-------|------|-------|---|---|
| E011  | 3/8" | 0.032 | 1 | - |
| E012V | -    | 0.028 | 1 | - |
| E013  | 1"   | 0.038 | 1 | - |



Ref. 4519



**Electroválvula 5 vías**

Acoplamiento conforme con la norma Namur 5 vías / 2 posiciones. Dispositivo de mando manual. Consumo 5 W. Grado de protección: IP 65 con conector y juntas. Racores: 1/4" gas. Presión de trabajo: min. 2 bar máx. 10 bar. Límite de temperaturas: -20°C +70°C.

**5-ways solenoid valve**

Coupling according norm Namur functioning 5 ways / 2 positions. Manual control device. Consumption 5 W. Protection: IP 65 with connector and seals. Connectors: 1/4" gas. Working pressure: min. 2 bar max. 10 bar. Temperature limits: -20°C +70°C.

|              |      |       |      |   |
|--------------|------|-------|------|---|
| 4519 02 A12V | A12V | 0.31  | -    | - |
| 4519 02 C12V | C12V | 0.64  | 1-50 | - |
| 4519 02 A24V | A24V | 0.321 | 1-50 | - |
| 4519 02 C24V | C24V | 0.317 | 1-50 | - |
| 4519 02 A48V | A48V | 0.311 | 1-50 | - |
| 4519 02 C48V | C48V | 0.31  | 1-40 | - |
| 4519 02 110V | 110V | 0.318 | 1-50 | - |
| 4519 02 220V | 220V | 0.319 | 1-50 | - |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 4100



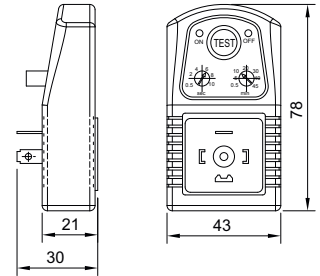
### Temporizador para descarga de condensados

Instrumento de control creado expresamente para válvulas de descarga. "Timer on" con su tiempo variable de 0,5 a 10 segundos. El "Timer off" regula a su vez el intervalo entre dos ciclos de apertura y puede variar de 0,5 a 45 min. Dos leds indican el estado de funcionamiento.

#### Condensate removal timer

Timer is a plug-on controller specially design for drain valves. The draining time can be set via the "on" timer between 0,5 and 10 seconds. The "off" timer allows to adjust the delay time between two draining cycles from 0,5 to 45 minutes. Two leds indicate the output status.

|      |   |       |       |   |
|------|---|-------|-------|---|
| 4100 | - | 0.042 | 1-250 | - |
|------|---|-------|-------|---|



| Tensión alimentación Salida / Output voltage | Corriente Salida / Output current | Consumo corriente / Power consumption | Temperatura trabajo / Working temperature | Dimensiones / Dimensions | Apertura / On time | Cierre / Off time |
|--|-----------------------------------|---------------------------------------|---|--------------------------|--------------------|-------------------|
| 24 a 240VAC / DC10% 50/60 Hz                 | Max. 1 A                          | Max. 8 mA                             | -5°C a +60°C                              | 78 x 43 mm               | 0,5 a 10 segundos  | 0,5 a 45 minutos  |

Ref. 4630



### Electroválvula de acción indirecta 2 vías N.C.

PN 22 - PN 25 - PN 40. Normalmente cerrada. Acción indirecta (1/4" acción directa). Temperatura del fluido -40°C / +180°C. Cuerpo en Acero inoxidable AISI 316. Piloto mando Acero Inox. Membrana PTFE. Asiento cierre Acero inox. Bobina 8W.

#### 2 ways indirect acting solenoid valve N.C.

PN22 - PN 25 - PN 40. Normally closed. Indirect acting (1/4" direct acting). Fluid temperature -40°C / + 180°C. Body Stainless steel AISI 316. Stainless steel control pilot. PTFE membrane. Orifice stainless steel. Coil 8W.

#### Recambios

Conjunto tubo guía - E046  
Cjto. núcleo - E020T  
Membrana 1/2" - E049T  
Membrana 3/4"-1" - E050T

#### Spare parts

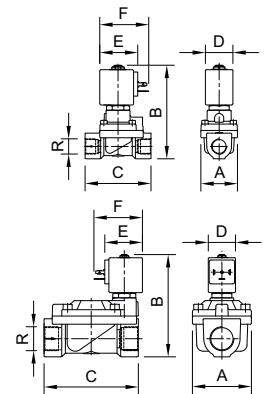
Conductor pipe set - E046  
Plunger set - E020T  
Membrane 1/2" - E049T  
Membrane 3/4"-1" - E050T

|         |      |       |   |   |
|---------|------|-------|---|---|
| 4630 02 | 1/4" | 0.371 | 1 | - |
| 4630 04 | 1/2" | 0.572 | 1 | - |
| 4630 05 | 3/4" | 1.29  | 1 | - |
| 4630 06 | 1"   | 1.19  | 1 | - |

|       |           |       |   |   |
|-------|-----------|-------|---|---|
| E046  | -         | 0.04  | 1 | - |
| E020T | -         | 0.018 | 1 | - |
| E049T | 1/2"      | 0.02  | 1 | - |
| E050T | 3/4" - 1" | 0.06  | 1 | - |

| R    | PN | A mm. | B mm. | C mm. | Ø  | Presiones / Pressure |             |                 | Potencia / Power |     |
|------|----|-------|-------|-------|----|----------------------|-------------|-----------------|------------------|-----|
|      |    |       |       |       |    | min. bar             | max. AC bar | M.O.P.D. DC bar | (watt)           | Kv  |
| 1/4" | 40 | 28    | 78    | 39    | 3  | 0                    | 10          | 6               | 8                | 4   |
| 1/2" | 25 | 40    | 103   | 73    | 12 | 0,5                  | 10          | 10              | 8                | 35  |
| 3/4" | 22 | 65    | 115   | 104   | 19 | 0,5                  | 10          | 10              | 8                | 120 |
| 1"   | 22 | 65    | 115   | 104   | 25 | 0,5                  | 10          | 10              | 8                | 130 |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



Ref. 4631



**Electroválvula de acción indirecta 2 vías N.A.**

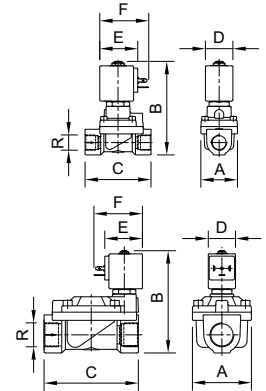
PN 22 - PN 25 - PN 40. Normalmente abierta. Acción indirecta (1/4" acción directa). Temperatura del fluido -40°C / +180°C. Cuerpo en Acero inoxidable AISI 316. Piloto mando Acero Inox. Membrana PTFE. Asiento cierre Acero inox. Bobina 8W.

**2 ways indirect acting solenoid valve N.O.**

PN22 - PN 25 - PN 40. Normally opened. Indirect acting (1/4" direct acting). Fluid temperature -40°C / + 180°C. Body Stainless steel AISI 316. Stainless steel control pilot. PTFE membrane. Orifice stainless steel. Coil 8W.

| R    | PN | A mm. | B mm. | C mm. | Ø  | Presiones / Pressure |               |        | Potencia / Power |       | Kv |
|------|----|-------|-------|-------|----|----------------------|---------------|--------|------------------|-------|----|
|      |    |       |       |       |    | min.                 | max. M.O.P.D. |        | (watt)           | l/min |    |
|      |    |       |       |       | mm | bar                  | AC bar        | DC bar |                  |       |    |
| 1/4" | 40 | 28    | 78    | 39    | 3  | 0                    | 10            | 6      | 8                | 4     |    |
| 1/2" | 25 | 40    | 103   | 73    | 12 | 0,5                  | 10            | 10     | 8                | 35    |    |
| 3/4" | 22 | 65    | 115   | 104   | 19 | 0,5                  | 10            | 10     | 8                | 120   |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4631 02     | 1/4"        | 0.28        | 1                 | -                |
| 4631 04     | 1/2"        | 0.56        | 1                 | -                |
| 4631 05     | 3/4"        | 1.22        | 1                 | -                |

Ref. 4632



**Electroválvula de acción indirecta 2 vías N.C.**

PN 22 - PN 25. Normalmente cerrada. Acción indirecta. Temperatura del fluido -10°C / +140°C. Cuerpo en Acero inoxidable AISI 316. Piloto mando Acero Inox. Membrana FKM. Asiento cierre Acero inox. Bobina 8W.

**2 ways indirect acting solenoid valve N.C.**

PN 22 - PN 25. Normally closed. Indirect acting. Fluid temperature -10°C / + 140°C. Body Stainless steel AISI 316. Stainless steel control pilot. FKM membrane. Orifice stainless steel. Coil 8W.

**Recambios**

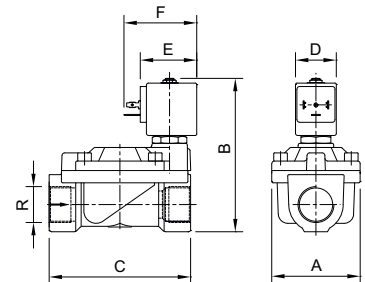
Conjunto tubo guía - E046  
 Conjunto núcleo móvil - E020V  
 Membrana 1/2" - E052V  
 Membrana 3/4"-1" - E053V

**Spare parts**

Conductor pipe set - E046  
 Plunger set - E020V  
 Membrane 1/2" - E052V  
 Membrane 3/4"-1" - E053V

| R    | PN | A mm. | B mm. | C mm. | Ø  | Presiones / Pressure |               |        | Potencia / Power |       | Kv |
|------|----|-------|-------|-------|----|----------------------|---------------|--------|------------------|-------|----|
|      |    |       |       |       |    | min.                 | max. M.O.P.D. |        | (watt)           | l/min |    |
|      |    |       |       |       | mm | bar                  | AC bar        | DC bar |                  |       |    |
| 1/2" | 25 | 40    | 103   | 73    | 12 | 0,1                  | 20            | 20     | 8                | 35    |    |
| 3/4" | 22 | 65    | 115   | 104   | 19 | 0,1                  | 16            | 16     | 8                | 130   |    |
| 1"   | 22 | 65    | 115   | 104   | 25 | 0,1                  | 16            | 16     | 8                | 160   |    |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8W     | 30     | 42     | 54     |



|         |      |      |   |   |
|---------|------|------|---|---|
| 4632 04 | 1/2" | 0.59 | 1 | - |
| 4632 05 | 3/4" | 1.29 | 1 | - |
| 4632 06 | 1"   | 1.19 | 1 | - |

|       |           |       |   |   |
|-------|-----------|-------|---|---|
| E046  | -         | 0.04  | 1 | - |
| E020V | -         | 0.02  | 1 | - |
| E052V | 1/2"      | 0.008 | 1 | - |
| E053V | 3/4" - 1" | 0.035 | 1 | - |

Ref. 4633



### Electroválvula de acción indirecta 2 vías N.A.

PN 22 - PN 25. Normalmente abierta. Acción indirecta. Temperatura del fluido -10°C / +140°C. Cuerpo en Acero inoxidable AISI 316. Piloto mando Acero Inox. Membrana FKM. Asiento cierre Acero inox. Bobina 8W.

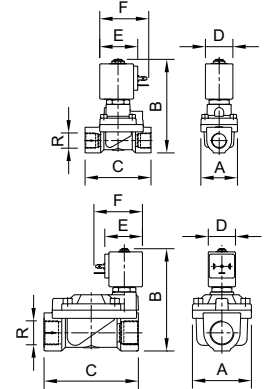
### 2 ways indirect acting solenoid valve N.O.

PN 22 - PN 25. Normally opened. Indirect acting. Fluid temperature -10°C / +140°C. Body Stainless steel AISI 316. Stainless steel control pilot. FKM membrane. Orifice stainless steel. Coil 8W.

| R    | PN | A mm. | B mm. | C mm. | Ø  | Presiones / Pressure |               |        | Potencia / Power |       |
|------|----|-------|-------|-------|----|----------------------|---------------|--------|------------------|-------|
|      |    |       |       |       |    | min.                 | max. M.O.P.D. |        | (watt)           | Kv    |
|      |    |       |       |       | mm | bar                  | AC bar        | DC bar |                  | l/min |
| 1/2" | 25 | 40    | 103   | 73    | 12 | 0,1                  | 20            | 20     | 8                | 35    |
| 3/4" | 22 | 65    | 115   | 104   | 19 | 0,1                  | 16            | 16     | 8                | 130   |
| 1"   | 22 | 65    | 115   | 104   | 25 | 0,1                  | 16            | 16     | 8                | 160   |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4633 04     | 1/2"        | 0.57        | 1                 | -                |
| 4633 05     | 3/4"        | 1.22        | 1                 | -                |
| 4633 06     | 1"          | 1.11        | 1                 | -                |



Ref. 4635



### Electroválvula de acción mixta 2 vías N.C.

PN 16. Normalmente cerrada. Acción mixta. Temperatura del fluido -10°C / +140°C. Cuerpo en Acero inoxidable AISI 316. Piloto mando Acero Inox. Membrana de FKM+PA. Bobina de 8W.

### 2 ways mixed acting solenoid valve N.C.

PN 16. Normally closed. Mixed acting. Fluid temperature -10°C / +140°C. Body Stainless steel AISI 316. Stainless steel control pilot. FKM+PA membrane. 8W coil.

### Recambios

Conjunto tubo guía - E046  
Membrana 1" - E055V

### Spare parts

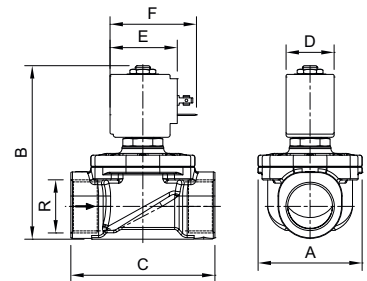
Conductor pipe set - E046  
Membrane 1" - E055V

| R    | PN | A mm. | B mm. | C mm. | Ø  | Presiones / Pressure |               |        | Potencia / Power |       |
|------|----|-------|-------|-------|----|----------------------|---------------|--------|------------------|-------|
|      |    |       |       |       |    | min.                 | max. M.O.P.D. |        | (watt)           | Kv    |
|      |    |       |       |       | mm | bar                  | AC bar        | DC bar |                  | l/min |
| 3/8" | 16 | 52    | 92    | 68    | 15 | 0                    | 14            | 6      | 8                | 40    |
| 1/2" | 16 | 52    | 92    | 68    | 16 | 0                    | 14            | 6      | 8                | 50    |
| 3/4" | 16 | 58    | 100   | 75    | 20 | 0                    | 14            | 6      | 8                | 60    |
| 1"   | 16 | 65    | 109   | 90    | 25 | 0                    | 14            | 3      | 8                | 140   |

| BOBINA | D (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 8 W    | 30     | 42     | 54     |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4635 03     | 3/8"        | 0.45        | 1                 | -                |
| 4635 04     | 1/2"        | 0.74        | 1                 | -                |
| 4635 05     | 3/4"        | 1.14        | 1                 | -                |
| 4635 06     | 1"          | 1.05        | 1                 | -                |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| E046        | -           | 0.04        | 1                 | -                |
| E055V       | 1"          | 0.025       | 1                 | -                |



Ref. 4112



### Electroválvula para gas N.C.

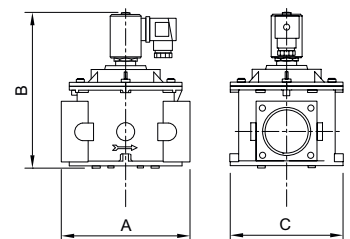
Normalmente cerrada. Cuerpo aluminio. Cierre NBR. Presión máxima 200mbar. Conforme la directiva 2014/30/EU (EMC) compatibilidad electromagnética. Directiva de baja tensión 2014/35/EU (LVD). Reglamento UE 2016/426 (GAR) aparatos que queman combustibles gaseosos. Aprobación CE conforme UNE-EN 161+A3:2013.

### Gas solenoid valve N.C.

Normally closed. Aluminium body. NBR sealing. Maximum pressure 200 mbar. Following 2014/30/EU (EMC) Electromagnetic compatibility directive. 2014/35/EU (LVD) Low voltage directive. UE 2016/426 (GAR) EU regulation on appliances burning gaseous fuels. EC certified according to UNE-EN 161+A3:2013

| Medida/Size | A mm | B mm | C mm |
|-------------|------|------|------|
| 1/2"        | 70   | 136  | 74   |
| 3/4"        | 70   | 136  | 74   |
| 1"          | 70   | 136  | 74   |
| 1 1/4"      | 160  | 187  | 140  |
| 1 1/2"      | 160  | 187  | 140  |
| 2"          | 160  | 213  | 140  |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4112 04     | 1/2"        | 0.94        | 1                 | -                |
| 4112 05     | 3/4"        | 0.94        | 1                 | -                |
| 4112 06     | 1"          | 0.92        | 1                 | -                |
| 4112 07     | 1 1/4"      | 3.23        | 1                 | -                |
| 4112 08     | 1 1/2"      | 3.17        | 1                 | -                |
| 4112 09     | 2"          | 3.17        | 1                 | -                |



Ref. 4115



**Electroválvula con rearme manual para gas N.C.**

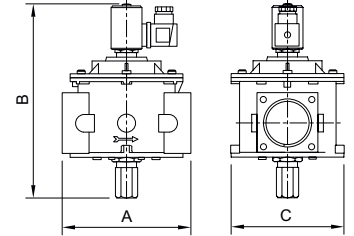
Normalmente cerrada. Cuerpo aluminio. Cierre NBR. Presión máxima 500mbar. Conforme la directiva 2014/30/EU (EMC) compatibilidad electromagnética. Directiva de baja tensión 2014/35/EU (LVD). Reglamento UE 2016/426 (GAR) aparatos que queman combustibles gaseosos. Aprobación CE conforme UNE-EN 161+A3:2013.

**Gas manual reset solenoid valve N.C.**

Normally closed. Aluminium body. NBR sealing. Maximum pressure 500 mbar. Following 2014/30/EU (EMC) Electromagnetic compatibility directive. 2014/35/EU (LVD) Low voltage directive. UE 2016/426 (GAR) EU regulation on appliances burning gaseous fuels. EC certified according to UNE-EN 161+A3:2013

| Medida/Size | A mm | B mm | C mm |
|-------------|------|------|------|
| 1/2"        | 70   | 163  | 74   |
| 3/4"        | 70   | 163  | 74   |
| 1"          | 70   | 163  | 74   |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 4115 04     | 1/2"        | 0.81        | 1                 | -                |
| 4115 05     | 3/4"        | 0.92        | 1                 | -                |
| 4115 06     | 1"          | 0.92        | 1                 | -                |



Ref. 4118



**Electroválvula con rearme manual para gas N.A.**

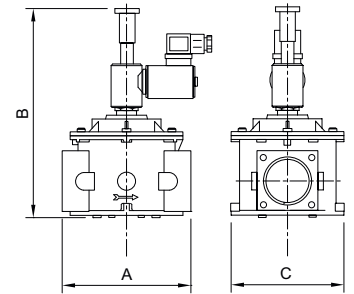
Normalmente abierta. Cuerpo aluminio. Cierre NBR. Presión máxima 500mbar. Conforme la directiva 2014/30/EU (EMC) compatibilidad electromagnética. Directiva de baja tensión 2014/35/EU (LVD).

**Gas manual reset solenoid valve N.O.**

Normally opened. Aluminium body. NBR sealing. Maximum pressure 500 mbar. Following 2014/30/EU (EMC) Electromagnetic compatibility directive. 2014/35/EU (LVD) Low voltage directive.

| Medida/Size | A mm | B mm | C mm |
|-------------|------|------|------|
| 1/2"        | 70   | 111  | 74   |
| 3/4"        | 70   | 111  | 74   |
| 1"          | 70   | 111  | 74   |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4118 04 | 1/2" | 0.57 | 1 | - |
| 4118 05 | 3/4" | 0.56 | 1 | - |



Ref. 4120



**Electroválvula con rearme manual para gas N.C.**

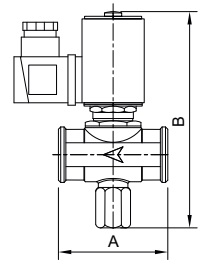
Normalmente cerrada. Cuerpo latón. Cierre NBR. Presión máxima 500mbar. Conforme la directiva 2014/30/EU (EMC) compatibilidad electromagnética. Directiva de baja tensión 2014/35/EU (LVD). Reglamento UE 2016/426 (GAR) aparatos que queman combustibles gaseosos. Aprobación CE conforme UNE-EN 161+A3:2013.

**Gas manual reset solenoid valve N.C.**

Normally closed. Brass body. NBR sealing. Maximum pressure 500 mbar. Following 2014/30/EU (EMC) Electromagnetic compatibility directive. 2014/35/EU (LVD) Low voltage directive. UE 2016/426 (GAR), EU regulation on appliances burning gaseous fuels. EC certified according to UNE-EN 161+A3:2013

| Medida/Size | A mm | B mm |
|-------------|------|------|
| 1/2"        | 66   | 133  |
| 3/4"        | 66   | 133  |
| 1"          | 82   | 142  |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4120 04 | 1/2" | 0.78 | 1 | - |
| 4120 05 | 3/4" | 0.78 | 1 | - |
| 4120 06 | 1"   | 0.78 | 1 | - |



Ref. 4122



**Electroválvula con rearme manual para gas N.A.**

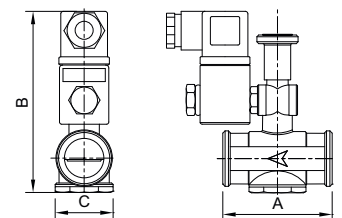
Normalmente abierta. Cuerpo latón. Cierre NBR. Presión máxima 500mbar. Conforme la directiva 2014/30/EU (EMC) compatibilidad electromagnética. Directiva de baja tensión 2014/35/EU (LVD). Reglamento UE 2016/426 (GAR) aparatos que queman combustibles gaseosos. Aprobación CE conforme UNE-EN 161+A3:2013.

**Gas manual reset solenoid valve N.O.**

Normally opened. Brass body. NBR sealing. Maximum pressure 500 mbar. Following 2014/30/EU (EMC) Electromagnetic compatibility directive. 2014/35/EU (LVD) Low voltage directive. UE 2016/426 (GAR), EU regulation on appliances burning gaseous fuels. EC certified according to UNE-EN 161+A3:2013

| Medida/Size | A mm | B mm | C mm |
|-------------|------|------|------|
| 1/2"        | 66   | 107  | 34   |
| 3/4"        | 66   | 107  | 34   |
| 1"          | 82   | 118  | 44   |

|         |      |      |   |   |
|---------|------|------|---|---|
| 4122 04 | 1/2" | 0.56 | 1 | - |
| 4122 05 | 3/4" | 0.56 | 1 | - |
| 4122 06 | 1"   | 0.6  | 1 | - |





| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

## Ref. 4720 - 4721

### Válvula hidráulica con electroválvula 2 vías N.C. (4720)

PN 10. Normalmente cerrada. Acción Indirecta. Temperatura del fluido +5°C / +50°C. Cuerpo en hierro G-25. Hidromembrana NR reforzada con nylon. Extremos rosca gas. Con pintura epoxy. **Normalmente abierta a petición ref. 4722.**

### Hydraulic valve with solenoid valve (4720)

PN 10. Normally closed. Indirect acting. Fluid temperature +5°C / +50°C. Body in iron G-25. Hydro-membrane reinforced with nylon. Gas threaded ends. With epoxy paint. **Normally opened on request ref. 4722.**

### (4721)

Mismas características que la anterior pero con extremos con bridas ISO-5752-15.

### Normalmente abierta a petición ref. 4723

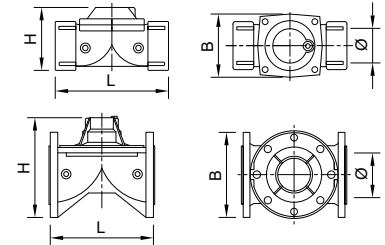
Same characteristics as above but with flanged ends ISO-5752-15. **Normally opened on request ref. 4723**

|         |    |      |   |   |
|---------|----|------|---|---|
| 4720 09 | 2" | 3,1  | 1 | - |
| 4720 11 | 3" | 5,45 | 1 | - |

|         |       |      |   |   |
|---------|-------|------|---|---|
| 4721 11 | Ø 80  | 13,3 | 1 | - |
| 4721 12 | Ø 100 | 18   | 1 | - |
| 4721 14 | Ø 150 | 50   | 1 | - |



| DN  | PN | L mm. | H mm. | E mm. | Ø mm | Presiones / Pressure |      | Kv m/h |
|-----|----|-------|-------|-------|------|----------------------|------|--------|
|     |    |       |       |       |      | min.                 | max. |        |
| 2"  | 10 | 175   | 100   | 120   | 50   | 1,5                  | 10   | 100    |
| 3"  | 10 | 230   | 135   | 165   | 80   | 1,5                  | 10   | 160    |
| 80  | 10 | 280   | 200   | 210   | 80   | 1,7                  | 10   | 180    |
| 100 | 10 | 300   | 220   | 220   | 100  | 1,7                  | 10   | 220    |
| 150 | 10 | 350   | 320   | 320   | 150  | 1,4                  | 10   | 410    |



## Ref. 4730 - 4731

### Válvula hidráulica con flotador 2 vías N.C. (4730)

PN 10. Normalmente cerrada. Temperatura del fluido +5°C / +50°C. Cuerpo en hierro G-25. Hidromembrana NR reforzada con nylon. Extremos rosca gas. Con pintura epoxy.

### 2 ways floating hydraulic valve N.C. (4730)

PN 10. Normally closed. Fluid temperature +5°C / +50°C. Body in iron G-25. Hydro-membrane reinforced with nylon. Gas threaded ends. With epoxy paint.

### (4731)

Mismas características que la anterior pero con extremos con bridas DIN PN 10/16.

Same characteristics as above but DIN PN 10/16 flanged ends.

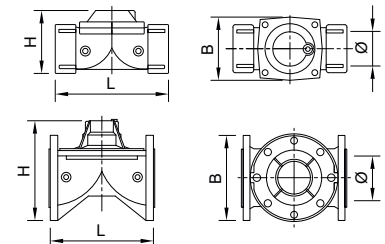
|         |    |   |   |   |
|---------|----|---|---|---|
| 4730 09 | 2" | 4 | 1 | - |
| 4730 11 | 3" | 6 | 1 | - |

|         |       |    |   |   |
|---------|-------|----|---|---|
| 4731 11 | Ø 80  | 17 | 1 | - |
| 4731 12 | Ø 100 | 18 | 1 | - |
| 4731 14 | Ø 150 | 42 | 1 | - |
| 4731 16 | Ø 200 | 60 | 1 | - |
| 4731 18 | Ø 250 | 86 | 1 | - |



| DN | PN | L mm. | H mm. | E mm. | Ø mm | Presiones / Pressure |      | Kv m/h |
|----|----|-------|-------|-------|------|----------------------|------|--------|
|    |    |       |       |       |      | min.                 | max. |        |
| 2" | 10 | 175   | 100   | 120   | 50   | 1,5                  | 10   | 100    |
| 3" | 10 | 230   | 135   | 165   | 80   | 1,5                  | 10   | 160    |

| DN  | PN | L mm. | H mm. | E mm. | Ø mm | Presiones / Pressure |      | Kv m/h |
|-----|----|-------|-------|-------|------|----------------------|------|--------|
|     |    |       |       |       |      | min.                 | max. |        |
| 80  | 10 | 280   | 200   | 210   | 80   | 1,7                  | 10   | 180    |
| 100 | 10 | 300   | 220   | 220   | 100  | 1,7                  | 10   | 220    |
| 150 | 10 | 350   | 320   | 320   | 150  | 1,4                  | 10   | 410    |
| 200 | 10 | 400   | 340   | 340   | 200  | 1,4                  | 10   | 480    |
| 250 | 10 | 450   | 470   | 405   | 250  | 1,4                  | 10   | 780    |



## Ref. 4805

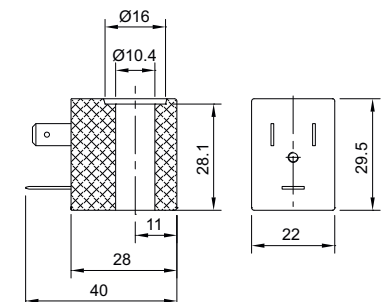
### Bobina 5W para electroválvula

Potencia 5W. Tolerancia de tensión en corriente alterna (+10% - 15%) y en corriente continua (+10% - 5%). Encapsulado PET - Polietileno negro clase H (180°C) para voltajes 12V - 24V - 230V. Encapsulado PA - Poliamida negra clase F (155°C) para voltaje 110V. Grado de protección IP65. Aprobación CE. Bobina de ancho 22mm para tubo guía Ø10mm.

### 5W Coil for solenoid valve

5W power. Voltage tolerance in alternating current (10% - 15%) and in direct current (+10% - 5%). Coil housing material PET - Black Polyethylene class H (180°C) for voltages 12V- 24V- 230V. Coil housing material PA - Black Polyamide class F (155°C) for voltage 110V. IP65 degree protection. CE approval. Coil wide 22mm for armature tube Ø10mm.

|      |   |      |     |   |
|------|---|------|-----|---|
| 4805 | - | 0,05 | 100 | - |
|------|---|------|-----|---|



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
|----------------|----------------|----------------|----------------------|---------------------|

Ref. 4808



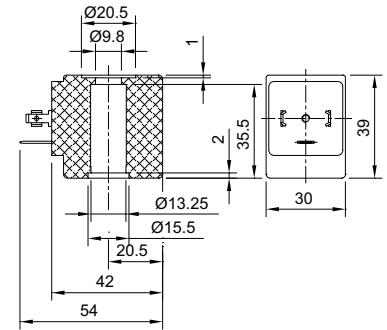
**Bobina 8W para electroválvula**

Potencia 8W. Tolerancia de tensión en corriente alterna (+10% - 15%) y en corriente continua (+10% - 5%). Encapsulado PET - Polietileno negro clase H (180°C) para voltajes 12V - 24V - 48V. Encapsulado PA - Poliamida negra clase F (155°C) para voltaje 110V - 230V. Grado de protección IP65. Aprobación CE. Bobina de ancho 30mm para tubo guía Ø13mm

**8W Coil for solenoid valve**

8W power. Voltage tolerance in alternating current (10% - 15%) and in direct current (+10% - 5%). Coil housing material PET - Black Polyethylene class H (180°C) for voltages 12V- 24V- 48V, Coil housing material PA - Black Polyamide class F (155°C) for voltage 110V - 230V. IP65 degree protection. CE approval. Coil wide 30mm for armature tube Ø13mm

|      |   |      |   |   |
|------|---|------|---|---|
| 4808 | - | 0.12 | - | - |
|------|---|------|---|---|



Ref. 4858



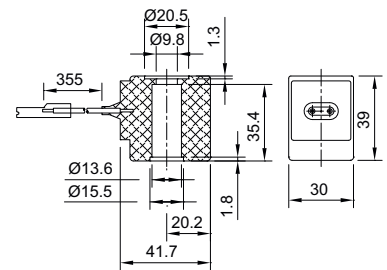
**Bobina 8W con cable saliente para electroválvula**

Potencia 8W. Tolerancia de tensión en corriente alterna (+10% - 15%) y en corriente continua (+10% - 5%). Encapsulado PA - Poliamida negra clase F (155°C) para voltaje 230V. Grado de protección IP65. Aprobación CE. Bobina de ancho 30mm para tubo guía Ø13mm.

**8W Coil with external wire for solenoid valve**

8W power. Voltage tolerance in alternating current (10% - 15%). Coil housing material PA - Black Polyamide class F (155°C) for voltage 230V. IP65 degree protection. CE approval. Coil wide 30mm for armature tube Ø13mm

|      |   |       |   |   |
|------|---|-------|---|---|
| 4858 | - | 0.666 | - | - |
|------|---|-------|---|---|



Ref. 4828



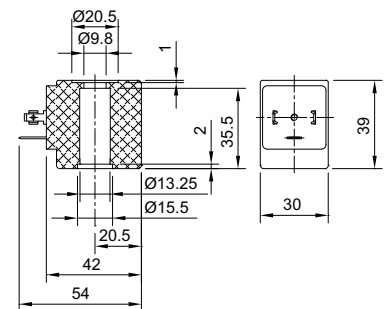
**Bobina 8W para electroválvula**

Potencia 8W. Tolerancia de tensión en corriente alterna (+10% - 15%) y en corriente continua (+10% - 5%). Encapsulado PET - Polietileno negro clase H (180°C) para voltajes 24V - 110V - 230V. Grado de protección IP65. Aprobación CE - UL - CSA - VDE. Bobina de ancho 30mm para tubo guía Ø13mm.

**8W Coil for solenoid valve**

8W power. Voltage tolerance in alternating current (10% - 15%) and in direct current (+10% - 5%). Coil housing material PET - Black Polyethylene class H (180°C) for voltages 24V- 110V - 230V. IP65 degree protection. CE - UL - CSA - VDE approval. Coil wide 30mm for armature tube Ø13mm

|      |   |      |   |   |
|------|---|------|---|---|
| 4828 | - | 0.15 | - | - |
|------|---|------|---|---|



Ref. 4814



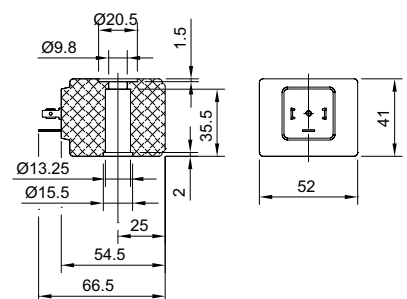
**Bobina 14W para electroválvula**

Potencia 14W. Tolerancia de tensión en corriente alterna (+10% - 15%) y en corriente continua (+10% - 5%). Encapsulado PET - Polietileno negro clase H (180°C) para voltajes corriente alterna 24V - 48V - 110V - 230V y corriente continua 24V. Encapsulado PPS - Polisulfuro de fenileno negro clase N (200°C) para voltaje corriente continua 12V - 24V. Grado de protección IP65. Aprobación CE y CE - UL - CSA - VDE (ver ficha técnica). Bobina de ancho 52mm para tubo guía Ø13mm.

**14W Coil for solenoid valve**

14W power. Voltage tolerance in alternating current (10% - 15%) and in direct current (+10% - 5%). Coil housing material PET - Black Polyethylene class H (180°C) for alternating current voltages 24V- 48V - 110V - 230V and direct current 24V, Coil housing material PPS - Black Polyphenylene sulfide class N (200°C) for direct current 12V - 24V. IP65 degree protection. CE and CE - UL - CSA - VDE approval (see technical datasheet). Coil wide 52mm for armature tube Ø13mm

|      |   |      |   |   |
|------|---|------|---|---|
| 4814 | - | 0.39 | 1 | - |
|------|---|------|---|---|



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

Ref. 4819



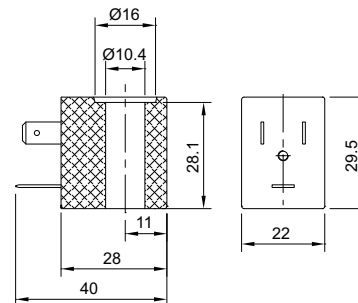
### Bobina para electroválvulas 5 vías

Potencia 5W. Tolerancia de tensión en corriente alterna (+10% - 15%) y en corriente continua (+10% - 5%). Voltajes disponibles en corriente alterna 24V - 48V - 110V - 220V (50-60 Hz) y en corriente continua 12V - 24V. Clase F. Temperatura máxima 155°C. Grado de protección IP65.

#### 5 Ways solenoid valve coil

5W power. Voltage tolerance in alternating current (10% - 15%) and in direct current (+10% - 5%). Available voltages in alternating current 24V - 48V - 110V - 220V (50-60 Hz) and in direct current 12V - 24V. F class. Maxim Temperature 155°C. IP65 degree protection.

|      |   |       |       |   |
|------|---|-------|-------|---|
| 4819 | - | 0.057 | 12-96 | - |
|------|---|-------|-------|---|



Ref. 4801 05 - 4804

### (4801 05) Conector tripolar 5W

Conector de 3 polos. Potencia 5W. DIN 43650. Grado de protección IP65. Multitensión, para corriente alterna y continua.

|         |   |       |        |   |
|---------|---|-------|--------|---|
| 4801 05 | - | 0.019 | 25-350 | - |
|---------|---|-------|--------|---|

#### (4801 05) 3-Pole 5W connector

3-Pole connector. 5W power. DIN 43650. IP65 degree protection. . Multi tension, for AC and DC voltages



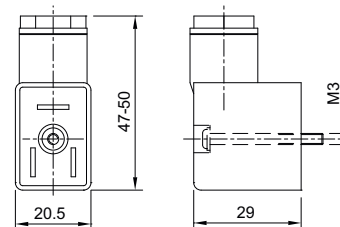
### (4804) Conector tripolar 5W con señal luminosa

Conector de 3 polos. Potencia 5W. Con señal luminosa LED. DIN 43650. Grado de protección IP65. Ref. 4804 220V para voltajes Corriente Alterna. Ref. 4804 C24V para voltajes Corriente Continua.

|           |   |       |        |   |
|-----------|---|-------|--------|---|
| 4804 220V | - | 0.024 | 25-150 | - |
| 4804 C24V | - | 0.024 | 25-150 | - |

#### (4804) 3-Pole 5W connector with luminous signal

3-Pole connector. 5W power. With LED luminous signal. DIN 43650. IP65 degree protection. Ref. 4804 220V for AC voltages. Ref. 4804 C24V for DC voltages.



Ref. 4801 08 - 4803

### (4801 08) Conector tripolar 8W

Conector de 3 polos. Potencia 8W. DIN 43650. Grado de protección IP65. Multitensión, para corriente alterna y continua.

|         |   |       |        |   |
|---------|---|-------|--------|---|
| 4801 08 | - | 0.023 | 25-350 | - |
|---------|---|-------|--------|---|

#### (4801 08) 3-Pole 8W connector

3-Pole connector. 8W power. DIN 43650. IP65 degree protection. Multi tension, for AC and DC voltages.



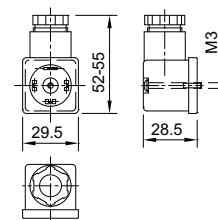
### (4803) Conector tripolar 8W con señal luminosa

Conector de 3 polos. Potencia 8W. Con señal luminosa LED. DIN 43650. Grado de protección IP65. Ref. 4803 220V para voltajes Corriente Alterna. Ref. 4803 A24V para voltajes Corriente Continua. Ref. 4803 C24V para voltajes Corriente Continua.

|           |   |       |        |   |
|-----------|---|-------|--------|---|
| 4803 220V | - | 0.024 | 25-350 | - |
| 4803 A24V | - | 0.025 | 25-350 | - |
| 4803 C24V | - | 0.019 | 25-350 | - |

#### (4803) 3-Pole 8W connector with luminous signal

3-Pole connector. 8W power. With LED luminous signal. DIN 43650. IP65 degree protection. Ref. 4803 220V for AC voltages. Ref. 4803 A24V for AC voltages. Ref. 4803 C24V for DC voltages.



Ref. K4000

### Kit antihumedad

Aplicable para válvulas de 2 vías. Grado de protección IP67. Compatible con bobinas de 8W tipo 4808, 4858 y 4828

|       |   |      |     |   |
|-------|---|------|-----|---|
| K4000 | - | 0.01 | 100 | - |
|-------|---|------|-----|---|

#### Condensate removal timer

Aplicable for 2 ways valves. IP67 Protection degree. Compatible with 8W coils 4808, 4858 and 4828



BE WATER. BE GENEBRE



WATER CARE VISIONEERS





05

## ACCESORIOS DE LATÓN BRASS ACCESSORIES

**Rácores de latón forjado sistema RAC-GE para la unión hermética de tuberías de plástico. El Sistema de apriete RAC-GE garantiza una máxima seguridad y fiabilidad para la conexión de tubos en instalaciones hidrosanitarias y de calefacción.**

Forged brass fittings with the RAC-GE system for a sealed joining of plastic pipes. The fittings new external structure makes the installation much easier and provides maximum security and reliability for the connection of pipes in hydrosanitary and heating installations.

# Accesorios latón

## Brass accessories

### Sistema de apriete RAC-GE

#### RAC-GE air tight system

La particularidad principal de este sistema radica en el anillo de apriete. El anillo está fabricado en latón especial con la elasticidad necesaria para el montaje y desmontaje del accesorio. Su geometría simétrica permite ser montado en cualquier posición.

El sistema de fijación es "por puntos" lo que evita la rotura del tubo y ofrece una mayor adaptabilidad a las posibles ovalaciones y/o imperfecciones del tubo.

No es necesario desmontar el accesorio para su instalación.

Particularmente adaptable para la unión de tubos de polietileno de baja y alta densidad.

The special feature of this system lies in the fastening necking. The necking is made out of a special type of brass with the required elasticity for assembling and disassembling the fitting. Its symmetrical shape enables it be mounted in any position.

The locking system is "by points", which prevents the cutting of the pipe and offers a better adaptation to the possible ovalizations and/or imperfections of the pipe.

It is not necessary to disassemble the fitting to install it.

Specially adaptable for connecting low and high density polyethylene pipes.

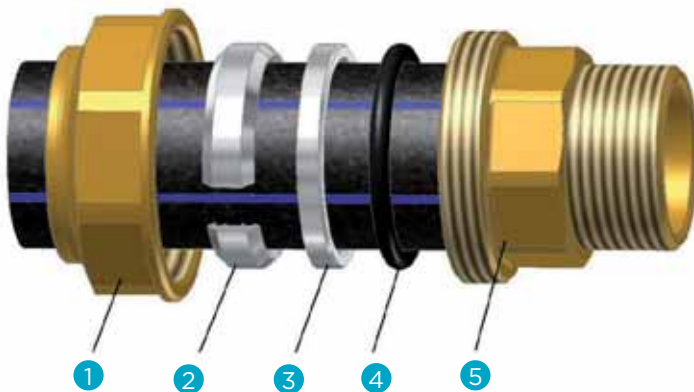


## Instrucciones de montaje

### Assembling instructions

Estas indicaciones evitan que cualquier tipo de deformación en el tubo impida su acoplamiento. En la figura se ilustra un ejemplo de ensamblaje del conjunto.

These instructions avoid any deformation of the pipe which could prevent its correct assembling. In the figure below there is an exemple illustration of the assembling process.



#### Elementos Elements

1. Tapa | Nut
2. Anillo apriete | Necking
3. Anillo tope | Washer ring
4. Tórica | O'ring
5. Cuerpo | Connector

**A.** Desmontar la tuerca (1) del cuerpo del racor (5) e insertarla en el tubo.

**B.** Introducir en el tubo el anillo de apriete (2).

**C.** Introducir en el tubo el anillo tope (3) con la cara plana en dirección al o'ring.

**D.** Introducir en el tubo la junta tórica (4).

**E.** Situar el tubo con todos los componentes en el cuerpo del racor (5) hasta que haga tope.

**F.** Apretar la tuerca (1) en el cuerpo del racor (5).

**A.** Disassemble the nut (1) from the connector (5) and insert it into the pipe.

**B.** Insert the necking (2) into the pipe.

**C.** Insert the washer ring (3) into the pipe with the flat face in direction to the o'ring.

**D.** Insert the O'ring (4) into the pipe.

**E.** Place the pipe with all the components inside the body of the connector (5) until the pipe is fixed.

**F.** Tighten the nut (1) to the body of the connector (5).

Ref. 0012



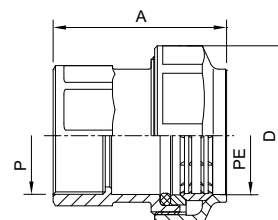
### Racor recto hembra

PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Extremo roscado gas hembra s/ISO 228/1. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temp. de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

### Straight female connector

PN 16 full bore. Forged brass UNE-EN 12165 Female gas threaded ends ISO 228/1. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10 °C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|               | P    | Ø D | A  |
|---------------|------|-----|----|
| 1/2" x PE20   | 16,5 | 34  | 38 |
| 3/4" x PE25   | 22,5 | 41  | 44 |
| 1" x PE32     | 28,5 | 50  | 51 |
| 1 1/4" x PE40 | 36   | 60  | 60 |
| 1 1/2" x PE50 | 45   | 72  | 70 |
| 2" x PE63     | 55   | 88  | 83 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 0012 04     | 1/2" x 20   | 0.071       | 20-280            | -                |
| 0012 05     | 3/4" x 25   | 0.109       | 15-210            | -                |
| 0012 06     | 1" x 32     | 0.174       | 12-108            | -                |
| 0012 07     | 1 1/4" x 40 | 0.277       | 6-54              | -                |
| 0012 08     | 1 1/2" x 50 | 0.427       | 4-36              | -                |
| 0012 09     | 2" x 63     | 0.711       | 2-24              | -                |

Ref. 0012



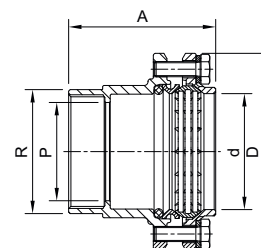
### Racor recto hembra con bridas

Características de racor recto hembra. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10,5 DIN 6798.

### Straight female connector with flanges

Same characteristics than straight female connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10,5, DIN 6798.

|             | P   | Ø D | Ø d  | A   |
|-------------|-----|-----|------|-----|
| 2 1/2" x 75 | 65  | 132 | 76,5 | 93  |
| 3" x 90     | 80  | 150 | 92   | 105 |
| 4" x 110    | 100 | 176 | 112  | 123 |



|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0012 10 | 2 1/2" x 75 | 1.408 | 4-16 | - |
| 0012 11 | 3" x 90     | 2.021 | 2-12 | - |
| 0012 12 | 4" x 110    | 3.276 | 2-8  | - |

Ref. 0017



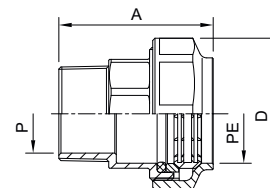
### Racor recto macho

PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Extremo roscado gas macho s/ISO 7/1. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a 90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

### Straight male connector

PN 16 full bore. Forged brass UNE-EN 12165. Male gas threaded ends ISO 7/1. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10 °C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|               | P    | Ø D | A  |
|---------------|------|-----|----|
| 1/2" x PE20   | 15   | 34  | 39 |
| 3/4" x PE25   | 20   | 41  | 45 |
| 1" x PE32     | 26   | 50  | 53 |
| 1 1/4" x PE40 | 34,5 | 60  | 65 |
| 1 1/2" x PE50 | 40   | 72  | 73 |
| 2" x PE63     | 51   | 88  | 89 |



|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 0017 04 | 1/2" x 20   | 0.069 | 20-360 | - |
| 0017 05 | 3/4" x 25   | 0.108 | 15-210 | - |
| 0017 06 | 1" x 32     | 0.175 | 12-108 | - |
| 0017 07 | 1 1/4" x 40 | 0.275 | 6-72   | - |
| 0017 08 | 1 1/2" x 50 | 0.433 | 4-36   | - |
| 0017 09 | 2" x 63     | 0.739 | 2-24   | - |

Ref. 0017



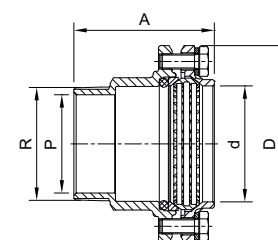
### Racor recto macho con bridas

Características de racor recto macho. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10,5 DIN 6798.

### Straight male connector with flanges

Same characteristics than straight male connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10,5 DIN 6798.

|             | P   | Ø D | Ø d | A   |
|-------------|-----|-----|-----|-----|
| 2 1/2" x 75 | 65  | 132 | 75  | 93  |
| 3" x 90     | 80  | 150 | 90  | 105 |
| 4" x 110    | 100 | 176 | 110 | 123 |



|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0017 10 | 2 1/2" x 75 | 1.358 | 4-16 | - |
| 0017 11 | 3" x 90     | 1.979 | 2-12 | - |
| 0017 12 | 4" x 110    | 3.185 | 2-8  | - |



Ref. 0022



**Racor acoplamiento recto**

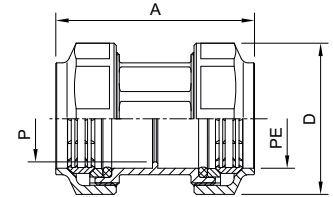
PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

**Straight double coupling connector**

PN 16 full bore. Forged brass UNE-EN 12165. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10°C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|             | P    | Ø D | A   |
|-------------|------|-----|-----|
| PE20 x PE20 | 16,5 | 34  | 50  |
| PE25 x PE25 | 22,5 | 41  | 59  |
| PE32 x PE32 | 28,5 | 50  | 71  |
| PE40 x PE40 | 36   | 60  | 86  |
| PE50 x PE50 | 45   | 72  | 100 |
| PE63 x PE63 | 55   | 88  | 125 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 0022 04     | 20 x 20     | 0.106       | 12-216            | -                |
| 0022 05     | 25 x 25     | 0.164       | 12-132            | -                |
| 0022 06     | 32 x 32     | 0.269       | 8-64              | -                |
| 0022 07     | 40 x 40     | 0.419       | 4-48              | -                |
| 0022 08     | 50 x 50     | 0.683       | 2-24              | -                |
| 0022 09     | 63 x 63     | 1.161       | 2-12              | -                |



Ref. 0022



**Racor acoplamiento recto con bridas**

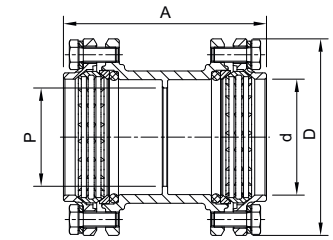
Características de racor acoplamiento recto. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10,5 DIN 6798.

**Straight double coupling connector with flanges**

Same characteristics than straight double coupling connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10,5 DIN 6798.

|           | P   | Ø D | Ø d | A   |
|-----------|-----|-----|-----|-----|
| 75 x 75   | 65  | 132 | 75  | 134 |
| 90 x 90   | 80  | 150 | 90  | 155 |
| 110 x 110 | 100 | 176 | 110 | 185 |

|         |           |       |     |   |
|---------|-----------|-------|-----|---|
| 0022 10 | 75 x 75   | 2.385 | 4-8 | - |
| 0022 11 | 90 x 90   | 3.354 | 2-6 | - |
| 0022 12 | 110 x 110 | 5.759 | 1-4 | - |



Ref. 0022R



**Racor acoplamiento recto para reparación**

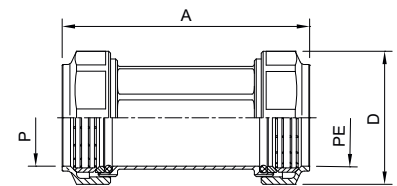
PN16. Paso total. Construcción en latón forjado s/UNE-EN 12165. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

**Straight double coupling connector for repair works**

PN16. Full bore. Forged brass UNE-EN 12165. Genebre's design "RAC-GE" tight system for connection to pipe. Working temp. -10°C to 90°C. Applicable for the connection of low, medium and high density polyethylene pipe.

|             | P  | Ø D | A   |
|-------------|----|-----|-----|
| PE20 x PE20 | 21 | 34  | 90  |
| PE25 x PE25 | 26 | 41  | 100 |
| PE32 x PE32 | 32 | 50  | 115 |
| PE40 x PE40 | 41 | 60  | 125 |
| PE50 x PE50 | 51 | 72  | 140 |
| PE63 x PE63 | 64 | 88  | 163 |

|          |         |       |        |   |
|----------|---------|-------|--------|---|
| 0022R 04 | 20 x 20 | 0.155 | 12-216 | - |
| 0022R 05 | 25 x 25 | 0.222 | 12-132 | - |
| 0022R 06 | 32 x 32 | 0.345 | 8-64   | - |
| 0022R 07 | 40 x 40 | 0.508 | 4-36   | - |
| 0022R 08 | 50 x 50 | 0.804 | 2-28   | - |
| 0022R 09 | 63 x 63 | 1.34  | 2-12   | - |



Ref. 0032



**Racor "T" triple acoplamiento**

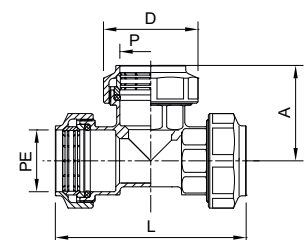
PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

**"T" triple coupling connector**

PN 16 full bore. Body and nut: forged brass UNE-EN 12165. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp: -10 °C to 90°C. Applicable for the connection of low, medium and high density polyethylene pipe.

|             | P    | Ø D | A  | L   |
|-------------|------|-----|----|-----|
| PE20 x PE20 | 14   | 34  | 37 | 74  |
| PE25 x PE25 | 19   | 41  | 43 | 87  |
| PE32 x PE32 | 24   | 50  | 53 | 106 |
| PE40 x PE40 | 30,5 | 60  | 64 | 129 |
| PE50 x PE50 | 38   | 72  | 77 | 154 |
| PE63 x PE63 | 47,5 | 88  | 96 | 192 |

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 0032 04 | 20 x 20 | 0.185 | 6-84 | - |
| 0032 05 | 25 x 25 | 0.292 | 6-72 | - |
| 0032 06 | 32 x 32 | 0.471 | 4-28 | - |
| 0032 07 | 40 x 40 | 0.748 | 4-24 | - |
| 0032 08 | 50 x 50 | 1.237 | 2-12 | - |
| 0032 09 | 63 x 63 | 2.106 | 1-6  | - |





Ref. 0032



### Racor "T" triple acoplamiento con bridas

Características racor "T" triple acoplamiento. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10,5 DIN 6798.

### "T" triple coupling connector with flanges

Same characteristics than "T" triple coupling connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10,5 DIN 6798.

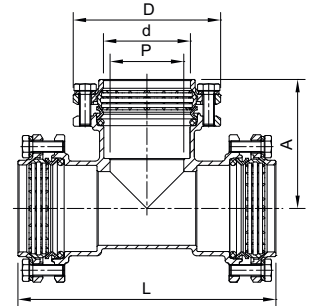
|         | P  | Ø D | L   | A   | Ø d |
|---------|----|-----|-----|-----|-----|
| 75 x 75 | 65 | 132 | 219 | 109 | 75  |
| 90 x 90 | 80 | 150 | 257 | 128 | 90  |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |         |       |     |   |
|---------|---------|-------|-----|---|
| 0032 10 | 75 x 75 | 3.934 | 1-4 | - |
| 0032 11 | 90 x 90 | 5.824 | 1-3 | - |

Nota: El artículo 0032 12 (Ø 110) se obtiene a partir de los artículos 0037 12 + 0017 12.

Note: Item 0032 12 (Ø 110) is obtained through items 0037 12 + 0017 12.



Ref. 0037



### Racor "T" hembra

PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Extremo roscado gas hembra s/ISO 228/1. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

### "T" female connector

PN 16 full bore. Forged brass UNE-EN 12165. Female gas threaded ends ISO 228/1. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10 °C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|               | P    | Ø D | A    | L   |
|---------------|------|-----|------|-----|
| 1/2" x PE20   | 14   | 34  | 23   | 74  |
| 3/4" x PE25   | 19   | 41  | 27,5 | 87  |
| 1" x PE32     | 24   | 50  | 32   | 106 |
| 1 1/4" x PE40 | 30,5 | 60  | 38   | 129 |
| 1 1/2" x PE50 | 38   | 72  | 45,5 | 154 |
| 2" x PE63     | 47,5 | 88  | 53,5 | 192 |

|         |           |      |       |   |
|---------|-----------|------|-------|---|
| 0037 04 | 1/2" x 20 | 0.15 | 8-112 | - |
|---------|-----------|------|-------|---|

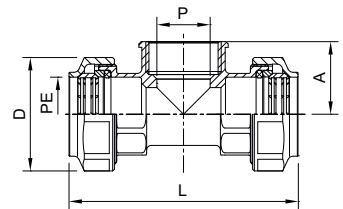
|         |           |       |      |   |
|---------|-----------|-------|------|---|
| 0037 05 | 3/4" x 25 | 0.235 | 6-96 | - |
|---------|-----------|-------|------|---|

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 0037 06 | 1" x 32 | 0.377 | 4-48 | - |
|---------|---------|-------|------|---|

|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0037 07 | 1 1/4" x 40 | 0.624 | 4-24 | - |
|---------|-------------|-------|------|---|

|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0037 08 | 1 1/2" x 50 | 0.958 | 2-14 | - |
|---------|-------------|-------|------|---|

|         |         |       |     |   |
|---------|---------|-------|-----|---|
| 0037 09 | 2" x 63 | 1.653 | 2-8 | - |
|---------|---------|-------|-----|---|



Ref. 0037



### Racor "T" hembra con bridas

Características racor "T" hembra. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10, 5 DIN 6798.

### "T" female connector with flanges

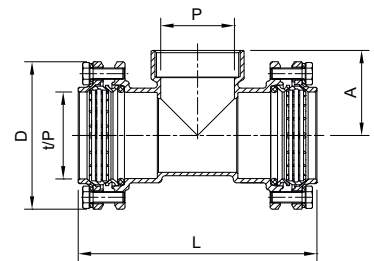
Same characteristics than "T". Female connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10,5 DIN 6798.

|             | P   | Ø D | L   | A  | Ø t/Ø p |
|-------------|-----|-----|-----|----|---------|
| 2 1/2" x 75 | 65  | 132 | 202 | 75 | 75      |
| 3" x 90     | 80  | 150 | 239 | 82 | 90      |
| 4" x 90     | 100 | 176 | 279 | 98 | 110     |

|         |             |      |     |   |
|---------|-------------|------|-----|---|
| 0037 10 | 2 1/2" x 75 | 3.02 | 1-6 | - |
|---------|-------------|------|-----|---|

|         |         |       |     |   |
|---------|---------|-------|-----|---|
| 0037 11 | 3" x 90 | 4.183 | 1-3 | - |
|---------|---------|-------|-----|---|

|         |          |       |     |   |
|---------|----------|-------|-----|---|
| 0037 12 | 4" x 110 | 7.595 | 1-4 | - |
|---------|----------|-------|-----|---|



Ref. 0042



### Racor "L" codo macho

PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Extremo roscado gas macho s/ISO 7/1. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

### "L" male elbow connector

PN 16 full bore. Forged brass UNE-EN 12165. Male gas threaded ends ISO 7/1. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10 °C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|               | P    | Ø D | L    |
|---------------|------|-----|------|
| 1/2" x PE20   | 14   | 34  | 29,5 |
| 3/4" x PE25   | 19   | 41  | 35   |
| 1" x PE32     | 24   | 50  | 42,5 |
| 1 1/4" x PE40 | 30,5 | 60  | 51,5 |
| 1 1/2" x PE50 | 38   | 72  | 57,5 |
| 2" x PE63     | 47,5 | 88  | 69   |

|         |           |       |        |   |
|---------|-----------|-------|--------|---|
| 0042 04 | 1/2" x 20 | 0.085 | 15-210 | - |
|---------|-----------|-------|--------|---|

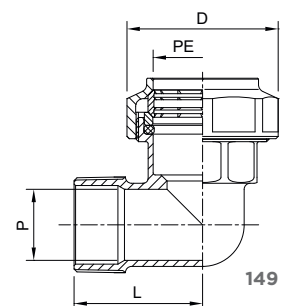
|         |           |       |        |   |
|---------|-----------|-------|--------|---|
| 0042 05 | 3/4" x 25 | 0.144 | 12-108 | - |
|---------|-----------|-------|--------|---|

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 0042 06 | 1" x 32 | 0.226 | 8-72 | - |
|---------|---------|-------|------|---|

|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0042 07 | 1 1/4" x 40 | 0.362 | 6-36 | - |
|---------|-------------|-------|------|---|

|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0042 08 | 1 1/2" x 50 | 0.586 | 4-32 | - |
|---------|-------------|-------|------|---|

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 0042 09 | 2" x 63 | 1.035 | 2-12 | - |
|---------|---------|-------|------|---|



Ref. 0042



**Racor "L" codo macho con bridas**

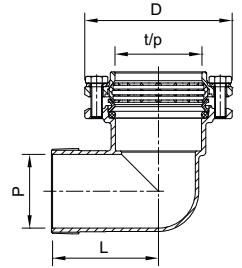
Características racor "L" codo macho. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10, 5 DIN 6798.

**"L" male elbow connector with flanges**

Same characteristics than "L" male elbow connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10,5 DIN 6798.

|             | P  | Ø D | L   | Ø t/Ø p |
|-------------|----|-----|-----|---------|
| 2 1/2" x 75 | 65 | 132 | 94  | 75      |
| 3" x 90     | 80 | 150 | 104 | 90      |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 0042 10     | 2 1/2" x 75 | 1.886       | 1-6               | -                |
| 0042 11     | 3" x 90     | 2.85        | 1-8               | -                |



Ref. 0047



**Racor "L" codo hembra**

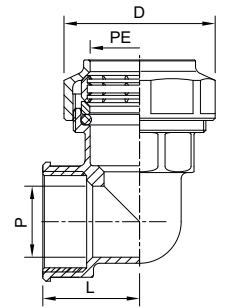
PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Extremo roscado gas macho s/ISO 7/1. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

**"L" female elbow connector**

PN 16 - full bore. Forged brass UNE-EN 12165. Female gas threaded ends ISO 228/1. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10 °C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|               | P    | Ø D | L    |
|---------------|------|-----|------|
| 1/2" x PE20   | 14   | 34  | 23   |
| 3/4" x PE25   | 19   | 41  | 27,5 |
| 1" x PE32     | 24   | 50  | 32   |
| 1 1/4" x PE40 | 30,5 | 60  | 38   |
| 1 1/2" x PE50 | 38   | 72  | 45,5 |
| 2" x PE63     | 47,5 | 88  | 53,5 |

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 0047 04 | 1/2" x 20   | 0.091 | 15-210 | - |
| 0047 05 | 3/4" x 25   | 0.144 | 10-90  | - |
| 0047 06 | 1" x 32     | 0.23  | 8-64   | - |
| 0047 07 | 1 1/4" x 40 | 0.371 | 6-48   | - |
| 0047 08 | 1 1/2" x 50 | 0.602 | 4-32   | - |
| 0047 09 | 2" x 63     | 1.02  | 2-12   | - |



Ref. 0047



**Racor "L" codo hembra con bridas**

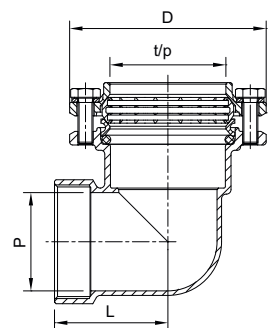
Características racor "L" codo hembra. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10, 5 DIN 6798.

**"L" female elbow connector with flanges**

Same characteristics than "L" female elbow connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10,5 DIN 6798.

|             | P   | Ø D | L  | Ø t/Ø p |
|-------------|-----|-----|----|---------|
| 2 1/2" x 75 | 65  | 132 | 75 | 75      |
| 3" x 90     | 80  | 150 | 82 | 90      |
| 4" x 110    | 100 | 176 | 98 | 110     |

|         |             |      |     |   |
|---------|-------------|------|-----|---|
| 0047 10 | 2 1/2" x 75 | 1.84 | 1-6 | - |
| 0047 11 | 3" x 90     | 2.55 | 1-8 | - |
| 0047 12 | 4" x 110    | 4.89 | 1-4 | - |



Ref. 0052



**Racor "L" codo acoplamiento**

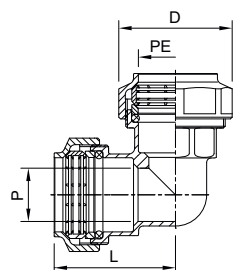
PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

**"L" elbow coupling connector**

PN 16 - full bore. Forged brass UNE-EN 12165. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10 °C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|             | P    | Ø D | A  |
|-------------|------|-----|----|
| PE20 x PE20 | 14   | 34  | 37 |
| PE25 x PE25 | 19   | 41  | 43 |
| PE32 x PE32 | 24   | 50  | 53 |
| PE40 x PE40 | 30,5 | 60  | 64 |
| PE50 x PE50 | 38   | 72  | 77 |
| PE63 x PE63 | 47,5 | 88  | 96 |

|         |         |       |        |   |
|---------|---------|-------|--------|---|
| 0052 04 | 20 x 20 | 0.127 | 12-108 | - |
| 0052 05 | 25 x 25 | 0.203 | 10-120 | - |
| 0052 06 | 32 x 32 | 0.324 | 6-72   | - |
| 0052 07 | 40 x 40 | 0.505 | 4-32   | - |
| 0052 08 | 50 x 50 | 0.867 | 2-24   | - |
| 0052 09 | 63 x 63 | 1.439 | 1-12   | - |



Ref. 0052



### Racor "L" codo acoplamiento con bridas

Características racor "L" codo acoplamiento. Tornillo fijación: inox M10 DIN 933-8.8. Arandela dentada: inox J10, 5 DIN 6798.

#### "L" elbow coupling connector with flanges

Same characteristics than "L" elbow coupling connector. Fastening screw: inox M10 DIN 933-8.8. Serrated washer: inox J10, 5 DIN 6798.

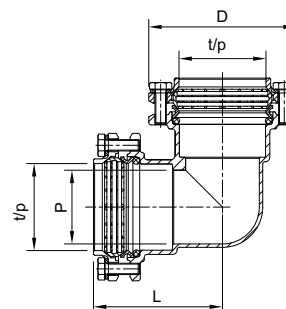
|         | P  | Ø D | L   | Ø t/Ø p |
|---------|----|-----|-----|---------|
| 75 x 75 | 65 | 132 | 115 | 75      |
| 90 x 90 | 80 | 150 | 128 | 90      |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |         |       |     |   |
|---------|---------|-------|-----|---|
| 0052 10 | 75 x 75 | 2.781 | 1-6 | - |
| 0052 11 | 90 x 90 | 4.193 | 1-4 | - |

Nota: El artículo 0052 12 (Ø 110) se obtiene a partir de los artículos 0047 12 + 0017 12.

Note: Item 0052 12 (Ø 110) is obtained through items 0047 12 + 0017 12.



Ref. 0049



### Racor "L" codo hembra con fijación a pared

PN-16 - paso total. Construcción en latón forjado s/UNE-EN 12165. Extremo roscado gas hembra s/ISO 228/1. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a +90°C. Aplicable para la unión de tubo de polietileno de baja, media y alta densidad.

#### "L" female elbow connector with wall fixation

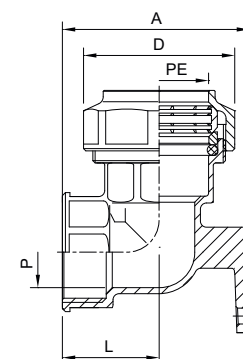
PN 16 full bore. Forged brass UNE-EN 12165. Female gas threaded ends ISO 228/1. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -10 °C to 90 °C. Applicable for the connection of low, medium and high density polyethylene pipe.

|             | P  | Ø D | L    | A    |
|-------------|----|-----|------|------|
| 1/2" x PE20 | 14 | 34  | 23   | 45   |
| 3/4" x PE25 | 19 | 41  | 27,5 | 53,5 |
| 1" x PE32   | 24 | 50  | 32   | 62   |

|         |           |       |        |   |
|---------|-----------|-------|--------|---|
| 0049 04 | 1/2" x 20 | 0.126 | 16-144 | - |
|---------|-----------|-------|--------|---|

|         |           |       |       |   |
|---------|-----------|-------|-------|---|
| 0049 05 | 3/4" x 25 | 0.196 | 14-84 | - |
|---------|-----------|-------|-------|---|

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 0049 06 | 1" x 32 | 0.295 | 6-48 | - |
|---------|---------|-------|------|---|



Ref. 3088



### Válvula de esfera tubería PE

PN 25. Paso total. Construcción en latón s/UNE-EN 12165. Asientos PTFE. Extremos conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -20°C a +110°C. Aplicable para la unión de tubo de polietileno de baja-media y alta densidad. Mando manual por palanca de acero.

#### Ball valve for PE pipe

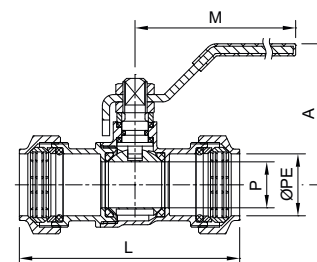
PN 25. Full bore. Brass construction UNE-EN 12165. PTFE seats. Genebre's designed "RAC-GE" air tight system ends for connection to pipe. Working temp.: -20 °C to 110 °C. Applicable for the connection of low-medium and high density polyethylene pipe. Steel lever manual control.

| DN | Ø PE | P  | A  | L   | M  |
|----|------|----|----|-----|----|
| 15 | 20   | 14 | 47 | 77  | 84 |
| 20 | 25   | 19 | 58 | 91  | 98 |
| 25 | 32   | 24 | 61 | 109 | 98 |

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 3088 04 | 20 x 20 | 0.216 | 6-72 | - |
|---------|---------|-------|------|---|

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 3088 05 | 25 x 25 | 0.378 | 6-54 | - |
|---------|---------|-------|------|---|

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 3088 06 | 32 x 32 | 0.565 | 3-27 | - |
|---------|---------|-------|------|---|



Ref. 3089



### Válvula de esfera tubería PE

PN 25. Paso total. Construcción en latón s/UNE-EN 12165. Extremos roscado gas hembra s/ISO 228/1. Asiento PTFE. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -20°C a + 110°C. Aplicable para la unión de tubo de polietileno de baja-media y alta densidad. Mando manual por palanca de acero.

#### Ball valve for PE pipe

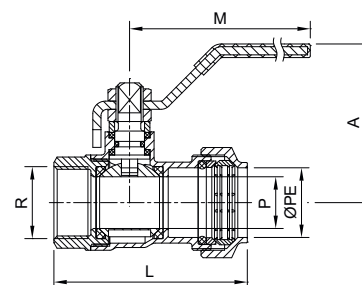
PN 25. Full bore. Brass UNE-EN 12165. Female gas threaded ends ISO 228/1. PTFE Seats. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp.: -20 °C to 110 °C. Applicable for the connection of low-medium and high density polyethylene pipe. Steel lever manual control.

| R    | DN | Ø PE | P  | A  | L  | M  |
|------|----|------|----|----|----|----|
| 1/2" | 15 | 20   | 14 | 47 | 61 | 84 |
| 3/4" | 20 | 25   | 19 | 58 | 71 | 98 |
| 1"   | 25 | 32   | 24 | 61 | 86 | 98 |

|         |           |       |       |   |
|---------|-----------|-------|-------|---|
| 3089 04 | 1/2" x 20 | 0.186 | 8-144 | - |
|---------|-----------|-------|-------|---|

|         |           |      |      |   |
|---------|-----------|------|------|---|
| 3089 05 | 3/4" x 25 | 0.32 | 6-72 | - |
|---------|-----------|------|------|---|

|         |         |       |      |   |
|---------|---------|-------|------|---|
| 3089 06 | 1" x 32 | 0.474 | 4-48 | - |
|---------|---------|-------|------|---|





Ref. 3124



**Racor acoplamiento recto con válvula de retención**

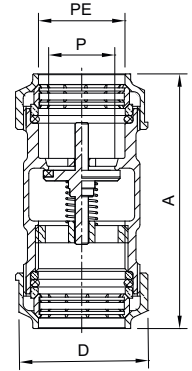
PN 16. Construcción en latón forjado según UNE-EN 12165. Conexión a tubería mediante sistema de apriete diseño Genebre "RAC-GE". Temperatura de trabajo de -10°C a 90°C. Aplicable para la unión con tubo de polietileno en baja media y alta densidad. Cierre NBR vulcanizado. Muelle acero inox. AISI 304. Montaje en cualquier posición.

**Straight coupling connector with check valve**

PN 16. Forged brass according to UNE-EN 12165. Genebre's designed "RAC-GE" air tight system for connection to pipe. Working temp. -10°C to 90°C. Applicable for the connection of low, medium and high density polyethylene pipe. Vulcanized NBR sealing. Stainless steel AISI 304 spring. Install in any position.

|             | P  | Ø D | A   |
|-------------|----|-----|-----|
| PE25 x PE25 | 20 | 41  | 85  |
| PE32xPE32   | 25 | 50  | 100 |
| PE40 x PE40 | 32 | 60  | 120 |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
| 3124 05        | 25x25          | 0.277          | 18-72                | -                   |
| 3124 06        | 32x32          | 0.446          | 10-40                | -                   |
| 3124 07        | 40x40          | 0.692          | 8-32                 | -                   |



Ref. 0055



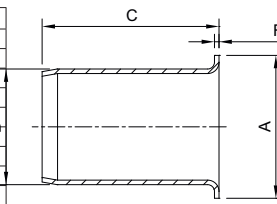
**Boquilla inoxidable**

Boquilla acero inoxidable AISI 304 de refuerzo para la utilización de racores en gas y agua caliente.

**Stainless steel nozzle**

Reinforcement stainless steel AISI 304 nozzle for using gas and hotwater connectors.

| R   | A    | B    | C    | F   |
|-----|------|------|------|-----|
| 20  | 18   | 13,7 | 31   | 1   |
| 25  | 24   | 18,7 | 36   | 1   |
| 32  | 31,5 | 25,7 | 39   | 1   |
| 40  | 39   | 32,2 | 48   | 1   |
| 50  | 49   | 40,4 | 54   | 1   |
| 63  | 59,5 | 51   | 67   | 1   |
| 75  | 70   | 60,7 | 78,5 | 1,5 |
| 90  | 84   | 73,2 | 86,5 | 1,5 |
| 110 | 99   | 88,6 | 110  | 2   |



|         |     |       |          |   |
|---------|-----|-------|----------|---|
| 0055 04 | 20  | 0.01  | 100-1200 | - |
| 0055 05 | 25  | 0.016 | 75-525   | - |
| 0055 06 | 32  | 0.025 | 50-350   | - |
| 0055 07 | 40  | 0.036 | 30-150   | - |
| 0055 08 | 50  | 0.06  | 20-100   | - |
| 0055 09 | 63  | 0.089 | 10-30    | - |
| 0055 10 | 75  | 0.168 | 8-24     | - |
| 0055 11 | 90  | 0.218 | 6-18     | - |
| 0055 12 | 110 | 0.56  | 2-12     | - |

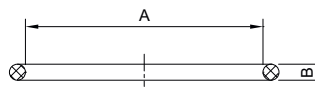
Ref. 0061



**Junta tórica**

**O'ring**

| Medida/Size | A x B    |
|-------------|----------|
| 20          | 20 x 2,5 |
| 25          | 25 x 3   |
| 32          | 32 x 3,5 |
| 40          | 40 x 4   |
| 50          | 50 x 4   |
| 63          | 63 x 5   |
| 75          | 75 x 7   |
| 90          | 90 x 8   |
| 110         | 110 x 8  |



|         |     |       |    |   |
|---------|-----|-------|----|---|
| 0061 04 | 20  | 0.001 | 20 | - |
| 0061 05 | 25  | 0.001 | 20 | - |
| 0061 06 | 32  | 0.001 | 10 | - |
| 0061 07 | 40  | 0.001 | 10 | - |
| 0061 08 | 50  | 0.005 | 10 | - |
| 0061 09 | 63  | 0.008 | 5  | - |
| 0061 10 | 75  | 0.011 | 1  | - |
| 0061 11 | 90  | 0.018 | 1  | - |
| 0061 12 | 110 | 0.021 | 1  | - |

Ref. 0062



**Anillo tope**

**Washer ring**

|         |     |       |    |   |
|---------|-----|-------|----|---|
| 0062 04 | 20  | 0.003 | 20 | - |
| 0062 05 | 25  | 0.005 | 20 | - |
| 0062 06 | 32  | 0.01  | 10 | - |
| 0062 07 | 40  | 0.017 | 10 | - |
| 0062 08 | 50  | 0.02  | 5  | - |
| 0062 09 | 63  | 0.038 | 5  | - |
| 0062 10 | 75  | 0.092 | 1  | - |
| 0062 11 | 90  | 0.145 | 1  | - |
| 0062 12 | 110 | 0.148 | 1  | - |

Ref. 0063



**Anillo apriete**

**Necking**

|         |     |       |    |   |
|---------|-----|-------|----|---|
| 0063 04 | 20  | 0.005 | 10 | - |
| 0063 05 | 25  | 0.009 | 10 | - |
| 0063 06 | 32  | 0.015 | 10 | - |
| 0063 07 | 40  | 0.025 | 5  | - |
| 0063 08 | 50  | 0.042 | 2  | - |
| 0063 09 | 63  | 0.071 | 1  | - |
| 0063 10 | 75  | 0.137 | 1  | - |
| 0063 11 | 90  | 0.198 | 1  | - |
| 0063 12 | 110 | 0.29  | 1  | - |



# Accesorios latón

## Brass accessories

### Sistema de apriete VALVEX

#### VALVEX air tight system



#### Elementos

##### Elements

1. Cuerpo | Body
2. Tuerca | Nut
3. Junta tórica | O'ring
4. Anilla junta | Washer ring
5. Anillo de apriete | Necking
6. Boquilla para gas | Nozzle

## Instrucciones de montaje

### Assembling instructions

El racor VALVEX ha sido estudiado cuidadosamente para facilitar la operación del montaje y por tanto, no requiere ninguna habilidad especial para su instalación. Sin embargo, aconsejamos seguir la operación de acoplamiento en el tubo, según el orden que a continuación citamos, respetando unas simples indicaciones:

- A.** Desmontar la tuerca o la brida de cierre e insertarla en el tubo.
- B.** Introducir en el tubo el anillo de apriete (5).
- C.** Introducir en el tubo el anillo - junta (4).
- D.** Introducir en el tubo la junta tórica (3).
- E.** Situar el tubo con todos los componentes en el cuerpo del racor hasta que el tubo no salga del fondo del mismo.
- F.** Apretar la tuerca o la brida en el cuerpo del racor.

Estas simples indicaciones evitan que imperfecciones en el tubo (Ej. imperfecciones residuales en el corte) impidan el perfecto acoplamiento, y en consecuencia un perfecto cierre.

The VALVEX connector has been carefully studied in order to facilitate the assembly and therefore, it does not require any special skill to install it. However, we strongly recommend you follow the assembly instructions for the pipe, in the order listed below:

- A.** Disassemble the nut or the closing flange and insert it into the pipe.
- B.** Insert the necking (5) into the pipe.
- C.** Insert the washer ring (4) into the pipe.
- D.** Insert the o'ring (3) into the pipe.
- E.** Place the pipe with all the components inside the body of the connector until the pipe keeps fixed inside.
- F.** Tighten the nut or flange to the body of the connector.

These assembling instructions avoid that any imperfections in the pipe (e.g. residuals in the cut) could prevent the perfect assembling and sealing.

Ref. 0010



**Racor hembra**

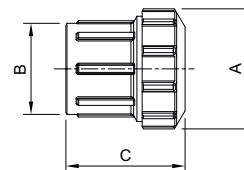
*Female brass connector*

| R           | A  | B  | C     |
|-------------|----|----|-------|
| 1/2" x 20   | 34 | 27 | 39,5  |
| 3/4" x 25   | 40 | 33 | 44,88 |
| 1" x 32     | 50 | 40 | 49,8  |
| 1 1/4" x 40 | 61 | 50 | 57,4  |
| 1 1/2" x 50 | 71 | 60 | 65,4  |
| 2" x 63     | 89 | 75 | 81,3  |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
|-------------|-------------|-------------|-------------------|------------------|

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 0010 04 | 1/2" x 20   | 0.084 | 20-240 | - |
| 0010 05 | 3/4" x 25   | 0.119 | 15-180 | - |
| 0010 06 | 1" x 32     | 0.198 | 12-108 | - |
| 0010 07 | 1 1/4" x 40 | 0.322 | 6-54   | - |
| 0010 08 | 1 1/2" x 50 | 0.493 | 4-28   | - |
| 0010 09 | 2" x 63     | 0.842 | 2-12   | - |

test



Ref. 0010

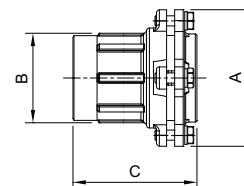


**Racor hembra con bridas**

*Female connector with flanges*

| R           | A   | B   | C     |
|-------------|-----|-----|-------|
| 2 1/2" x 75 | 135 | 88  | 99,8  |
| 3" x 90     | 154 | 104 | 111,4 |
| 4" x 110    | 180 | 130 | 147   |

|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0010 10 | 2 1/2" x 75 | 1.615 | 1-12 | - |
| 0010 11 | 3" x 90     | 2.293 | 1-8  | - |
| 0010 12 | 4" x 110    | 4.535 | 1-4  | - |



Ref. 0015

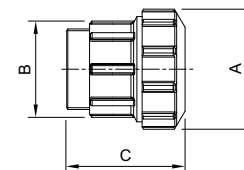


**Racor macho**

*Male brass connector*

| R           | A  | B  | C    |
|-------------|----|----|------|
| 1/2" x 20   | 34 | 27 | 43   |
| 3/4" x 25   | 40 | 33 | 48   |
| 1" x 32     | 50 | 40 | 54,5 |
| 1 1/4" x 40 | 61 | 50 | 62,5 |
| 1 1/2" x 50 | 71 | 60 | 67,5 |
| 2" x 63     | 89 | 75 | 89   |

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 0015 04 | 1/2" x 20   | 0.084 | 20-240 | - |
| 0015 05 | 3/4" x 25   | 0.117 | 15-180 | - |
| 0015 06 | 1" x 32     | 0.203 | 12-108 | - |
| 0015 07 | 1 1/4" x 40 | 0.348 | 6-54   | - |
| 0015 08 | 1 1/2" x 50 | 0.45  | 4-32   | - |
| 0015 09 | 2" x 63     | 0.855 | 2-12   | - |



Ref. 0015

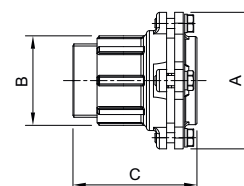


**Racor macho con bridas**

*Male brass with flanges*

| R           | A   | B   | C   |
|-------------|-----|-----|-----|
| 2 1/2" x 75 | 135 | 88  | 105 |
| 3" x 90     | 154 | 104 | 115 |
| 4" x 110    | 180 | 130 | 143 |

|         |             |       |      |   |
|---------|-------------|-------|------|---|
| 0015 10 | 2 1/2" x 75 | 1.625 | 1-12 | - |
| 0015 11 | 3" x 90     | 2.288 | 1-8  | - |
| 0015 12 | 4" x 110    | 4.5   | 1-4  | - |

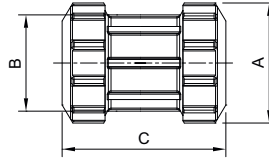


Ref. 0020



**Racor acoplamiento recto**  
*Straight coupling double connector*

| R  | A  | B  | C   |
|----|----|----|-----|
| 20 | 34 | 27 | 52  |
| 25 | 40 | 33 | 60  |
| 32 | 50 | 40 | 67  |
| 40 | 61 | 50 | 77  |
| 50 | 71 | 60 | 99  |
| 63 | 89 | 75 | 115 |



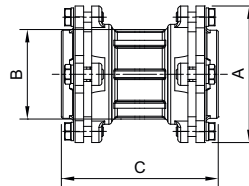
| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 0020 04     | 20          | 0.126       | 12-168            | -                |
| 0020 05     | 25          | 0.171       | 10-120            | -                |
| 0020 06     | 32          | 0.299       | 8-56              | -                |
| 0020 07     | 40          | 0.515       | 4-36              | -                |
| 0020 08     | 50          | 0.734       | 2-24              | -                |
| 0020 09     | 63          | 1.255       | 2-12              | -                |

Ref. 0020



**Racor acoplamiento recto con bridas**  
*Straight coupling double connector with flanges*

| R   | A   | B   | C   |
|-----|-----|-----|-----|
| 75  | 135 | 88  | 150 |
| 90  | 154 | 104 | 170 |
| 110 | 180 | 130 | 221 |



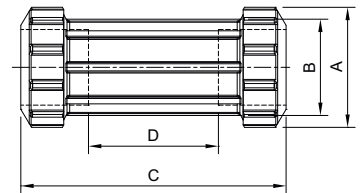
|         |     |       |     |   |
|---------|-----|-------|-----|---|
| 0020 10 | 75  | 2.625 | 1-6 | - |
| 0020 11 | 90  | 3.885 | 1-5 | - |
| 0020 12 | 110 | 7.418 | 1-3 | - |

Ref. 0025



**Racor acoplamiento alargado**  
*Long coupling double connector*

| R  | A  | B  | C   | D  |
|----|----|----|-----|----|
| 32 | 50 | 40 | 115 | 50 |
| 40 | 61 | 50 | 125 | 50 |
| 50 | 71 | 60 | 139 | 50 |
| 63 | 89 | 75 | 163 | 50 |



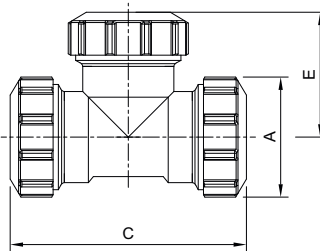
|         |    |       |      |   |
|---------|----|-------|------|---|
| 0025 06 | 32 | 0.396 | 6-36 | - |
| 0025 07 | 40 | 0.66  | 4-20 | - |
| 0025 08 | 50 | 0.866 | 2-18 | - |
| 0025 09 | 63 | 1.586 | 1-6  | - |

Ref. 0030



**Racor "T" triple**  
*"T" triple connector*

| R  | A  | C   | E  |
|----|----|-----|----|
| 20 | 34 | 77  | 38 |
| 25 | 40 | 90  | 45 |
| 32 | 50 | 105 | 52 |
| 40 | 61 | 125 | 62 |
| 50 | 71 | 145 | 72 |
| 63 | 89 | 185 | 92 |



|         |    |       |      |   |
|---------|----|-------|------|---|
| 0030 04 | 20 | 0.218 | 6-84 | - |
| 0030 05 | 25 | 0.321 | 6-54 | - |
| 0030 06 | 32 | 0.53  | 4-28 | - |
| 0030 07 | 40 | 0.92  | 3-18 | - |
| 0030 08 | 50 | 1.25  | 2-10 | - |
| 0030 09 | 63 | 2.38  | 1-5  | - |

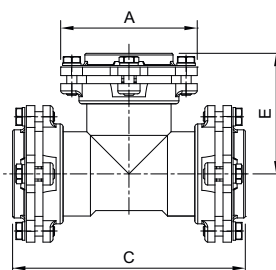
Nota: Para conseguir el racor "T" de 110 x 4" pedir figura 0035 + 0015.  
Note: To obtain "T" connector 110 x 4" you must request for 0035 and 0015 connector.

Ref. 0030



**Racor "T" triple con bridas**  
*"T" triple connector with flanges*

| R  | A   | C   | E   |
|----|-----|-----|-----|
| 75 | 135 | 232 | 115 |
| 90 | 154 | 267 | 133 |



|         |    |      |     |   |
|---------|----|------|-----|---|
| 0030 10 | 75 | 4.56 | 1-3 | - |
| 0030 11 | 90 | 6.56 | 1-2 | - |

Nota: Para conseguir el racor "T" de 110 x 4" pedir figura 0035 + 0015.  
Note: To obtain "T" connector 110 x 4" you must request for 0035 and 0015 connector.

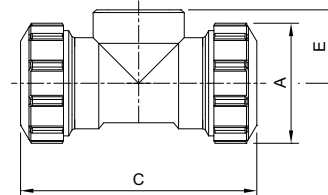
Ref. 0035

**Racor "T" hembra**  
**"T" triple female connector**



| R           | A  | C   | E    |
|-------------|----|-----|------|
| 1/2" x 20   | 34 | 77  | 22   |
| 3/4" x 25   | 40 | 90  | 26   |
| 1" x 32     | 50 | 105 | 30   |
| 1 1/4" x 40 | 61 | 125 | 37   |
| 1 1/2" x 50 | 71 | 145 | 42,5 |
| 2" x 63     | 89 | 185 | 51   |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 0035 04     | 1/2" x 20   | 0.18        | 8-112             | -                |
| 0035 05     | 3/4" x 25   | 0.255       | 6-72              | -                |
| 0035 06     | 1" x 32     | 0.425       | 4-36              | -                |
| 0035 07     | 1 1/4" x 40 | 0.713       | 3-20              | -                |
| 0035 08     | 1 1/2" x 50 | 1.026       | 2-12              | -                |
| 0035 09     | 2" x 63     | 1.847       | 1-6               | -                |



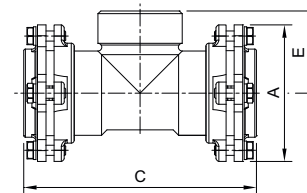
Ref. 0035

**Racor "T" hembra con bridas**  
**"T" triple female connector with flanges**



| R           | A   | C   | E   |
|-------------|-----|-----|-----|
| 2 1/2" x 75 | 135 | 226 | 75  |
| 3" x 90     | 154 | 259 | 85  |
| 4" x 110    | 180 | 314 | 100 |

|         |             |       |     |   |
|---------|-------------|-------|-----|---|
| 0035 10 | 2 1/2" x 75 | 3.39  | 1-4 | - |
| 0035 11 | 3" x 90     | 5.256 | 1-3 | - |
| 0035 12 | 4" x 110    | 10.14 | 1   | - |



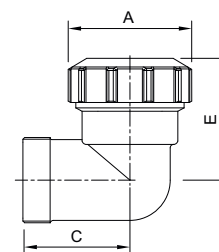
Ref. 0040

**Racor "L" codo macho**  
**"L" male elbow connector**



| R           | A  | C    | E  |
|-------------|----|------|----|
| 1/2" x 20   | 34 | 36   | 37 |
| 3/4" x 25   | 40 | 40   | 42 |
| 1" x 32     | 50 | 47,5 | 50 |
| 1 1/4" x 40 | 61 | 55,5 | 60 |
| 1 1/2" x 50 | 71 | 62,5 | 68 |
| 2" x 63     | 89 | 76   | 87 |

|         |             |       |        |   |
|---------|-------------|-------|--------|---|
| 0040 04 | 1/2" x 20   | 0.115 | 15-180 | - |
| 0040 05 | 3/4" x 25   | 0.159 | 12-108 | - |
| 0040 06 | 1" x 32     | 0.271 | 8-56   | - |
| 0040 07 | 1 1/4" x 40 | 0.483 | 6-36   | - |
| 0040 08 | 1 1/2" x 50 | 0.63  | 4-24   | - |
| 0040 09 | 2" x 63     | 1.176 | 2-12   | - |



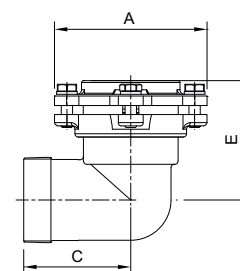
Ref. 0040

**Racor "L" codo macho con bridas**  
**"L" male elbow connector with flanges**



| R           | A   | C   | E   |
|-------------|-----|-----|-----|
| 2 1/2" x 75 | 135 | 95  | 111 |
| 3" x 90     | 154 | 107 | 133 |

|         |             |      |     |   |
|---------|-------------|------|-----|---|
| 0040 10 | 2 1/2" x 75 | 2.18 | 1-6 | - |
| 0040 11 | 3" x 90     | 3.4  | 1-4 | - |





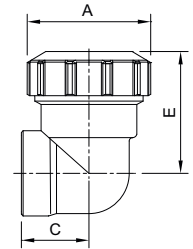
Ref. 0045



**Racor codo hembra**  
**"L" female elbow connector**

| R           | A  | C    | E  |
|-------------|----|------|----|
| 1/2" x 20   | 34 | 22   | 38 |
| 3/4" x 25   | 40 | 26   | 45 |
| 1" x 32     | 50 | 30   | 52 |
| 1 1/4" x 40 | 61 | 37   | 62 |
| 1 1/2" x 50 | 71 | 42,5 | 71 |
| 2" x 63     | 89 | 51   | 92 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. € PRICE € |
|-------------|-------------|-------------|-------------------|------------------|
| 0045 04     | 1/2" x 20   | 0.112       | 15-180            | -                |
| 0045 05     | 3/4" x 25   | 0.167       | 12-108            | -                |
| 0045 06     | 1" x 32     | 0.271       | 8-64              | -                |
| 0045 07     | 1 1/4" x 40 | 0.457       | 6-36              | -                |
| 0045 08     | 1 1/2" x 50 | 0.649       | 4-24              | -                |
| 0045 09     | 2" x 63     | 1.138       | 2-12              | -                |



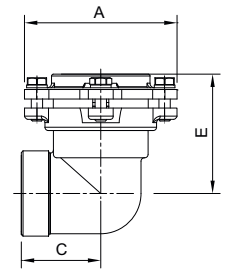
Ref. 0045



**Racor codo hembra con bridas**  
**"L" female elbow connector with flanges**

| R           | A   | C   | E   |
|-------------|-----|-----|-----|
| 2 1/2" x 75 | 135 | 75  | 113 |
| 3" x 90     | 154 | 85  | 130 |
| 4" x 110    | 180 | 100 | 157 |

|         |             |       |     |   |
|---------|-------------|-------|-----|---|
| 0045 10 | 2 1/2" x 75 | 2.035 | 1-8 | - |
| 0045 11 | 3" x 90     | 3.166 | 1-4 | - |
| 0045 12 | 4" x 110    | 6.04  | 1-2 | - |



Ref. 0050



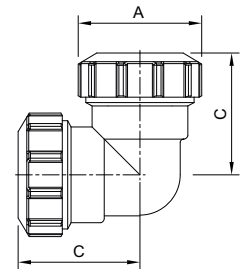
**Racor "L" codo a compresión**  
**"L" elbow compression connector**

| R  | A  | C  |
|----|----|----|
| 20 | 34 | 38 |
| 25 | 40 | 45 |
| 32 | 50 | 52 |
| 40 | 61 | 62 |
| 50 | 71 | 72 |
| 63 | 89 | 92 |

|         |    |       |        |   |
|---------|----|-------|--------|---|
| 0050 04 | 20 | 0.155 | 12-108 | - |
| 0050 05 | 25 | 0.221 | 10-90  | - |
| 0050 06 | 32 | 0.377 | 6-42   | - |
| 0050 07 | 40 | 0.635 | 4-24   | - |
| 0050 08 | 50 | 0.931 | 2-16   | - |
| 0050 09 | 63 | 1.665 | 1-6    | - |

Nota: Para conseguir el racor "L" de 110 x 110 pedir figura 0045 + 0015.

Note: To obtain "L" connector 110 x 110 you must request for 0045 and 0015 connector.



Ref. 0050



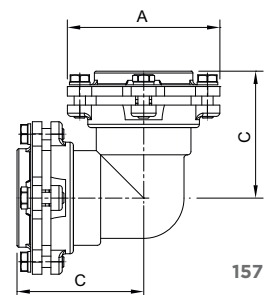
**Racor "L" codo con bridas**  
**"L" elbow compression connector with flanges**

| R  | A   | C   |
|----|-----|-----|
| 75 | 135 | 116 |
| 90 | 154 | 133 |

|         |    |      |     |   |
|---------|----|------|-----|---|
| 0050 10 | 75 | 3.14 | 1-4 | - |
| 0050 11 | 90 | 4.76 | 1-2 | - |

Nota: Para conseguir el racor "L" de 110 x 110 pedir figura 0045 + 0015.

Note: To obtain "L" connector 110 x 110 you must request for 0045 and 0015 connector.



Ref. 0048

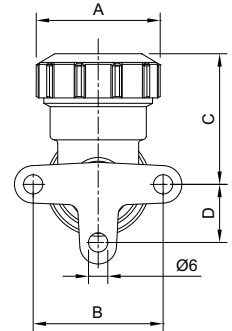


**Racor "L" codo hembra**

**"L" female brass elbow**

| R         | A  | B  | C  | D  |
|-----------|----|----|----|----|
| 1/2" x 20 | 34 | 35 | 36 | 16 |
| 3/4" x 25 | 40 | 40 | 46 | 18 |
| 1" x 32   | 50 | 48 | 51 | 23 |

| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | CAJA / BOX<br>CARTON | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|----------------------|---------------------|
| 0048 04        | 1/2" x 20      | 0.143          | 15-105               | -                   |
| 0048 05        | 3/4" x 25      | 0.212          | 12-84                | -                   |
| 0048 06        | 1" x 32        | 0.329          | 8-56                 | -                   |



Ref. 0055



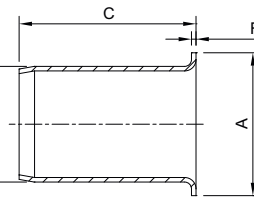
**Boquilla inoxidable**

Boquilla acero inoxidable AISI 304 de refuerzo para la utilización de racores en gas y agua caliente.

**Stainless steel nozzle**

Reinforcement stainless steel AISI 304 nozzle for using gas and hotwater connectors.

| R   | A    | B    | C    | F   |
|-----|------|------|------|-----|
| 20  | 18   | 13,7 | 31   | 1   |
| 25  | 24   | 18,7 | 36   | 1   |
| 32  | 31,5 | 25,7 | 39   | 1   |
| 40  | 39   | 32,2 | 48   | 1   |
| 50  | 49   | 40,4 | 54   | 1   |
| 63  | 59,5 | 51   | 67   | 1   |
| 75  | 70   | 60,7 | 78,5 | 1,5 |
| 90  | 84   | 73,2 | 86,5 | 1,5 |
| 110 | 99   | 88,6 | 110  | 2   |



|         |     |       |          |   |
|---------|-----|-------|----------|---|
| 0055 04 | 20  | 0.01  | 100-1200 | - |
| 0055 05 | 25  | 0.016 | 75-525   | - |
| 0055 06 | 32  | 0.025 | 50-350   | - |
| 0055 07 | 40  | 0.036 | 30-150   | - |
| 0055 08 | 50  | 0.06  | 20-100   | - |
| 0055 09 | 63  | 0.089 | 10-30    | - |
| 0055 10 | 75  | 0.168 | 8-24     | - |
| 0055 11 | 90  | 0.218 | 6-18     | - |
| 0055 12 | 110 | 0.56  | 2-12     | - |

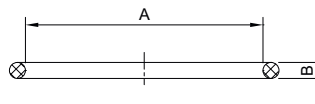
Ref. 0056



**Junta tórica**

**O'ring**

| Medida/Size | A x B    |
|-------------|----------|
| 20          | 20 x 2,5 |
| 25          | 25 x 3   |
| 32          | 32 x 3,5 |
| 40          | 40 x 4   |
| 50          | 50 x 4   |
| 63          | 63 x 5   |
| 75          | 75 x 7   |
| 90          | 90 x 8   |
| 110         | 110 x 8  |



|         |     |       |   |   |
|---------|-----|-------|---|---|
| 0056 04 | 20  | 0.002 | 1 | - |
| 0056 05 | 25  | 0.03  | 1 | - |
| 0056 06 | 32  | 0.003 | 1 | - |
| 0056 07 | 40  | 0.004 | 1 | - |
| 0056 08 | 50  | 0.005 | 1 | - |
| 0056 09 | 63  | 0.006 | 1 | - |
| 0056 10 | 75  | 0.007 | 1 | - |
| 0056 11 | 90  | 0.019 | 1 | - |
| 0056 12 | 110 | 0.023 | 1 | - |

Ref. 0057



**Anillo junta tórica**

**Washer ring**

| Medida/Size | A     | B     | C   |
|-------------|-------|-------|-----|
| 20          | 20,5  | 23,9  | 3,5 |
| 25          | 26    | 29,9  | 2,5 |
| 32          | 33    | 37,9  | 4,5 |
| 40          | 41    | 46,9  | 5   |
| 50          | 51    | 56,9  | 6   |
| 63          | 64    | 72,5  | 7   |
| 75          | 76    | 88,5  | 9   |
| 90          | 91    | 105,5 | 10  |
| 110         | 111,5 | 125,5 | 11  |



|         |     |       |   |   |
|---------|-----|-------|---|---|
| 0057 04 | 20  | 0.001 | 1 | - |
| 0057 05 | 25  | 0.002 | 1 | - |
| 0057 06 | 32  | 0.007 | 1 | - |
| 0057 07 | 40  | 0.01  | 1 | - |
| 0057 08 | 50  | 0.007 | 1 | - |
| 0057 09 | 63  | 0.018 | 1 | - |
| 0057 10 | 75  | 0.022 | 1 | - |
| 0057 11 | 90  | 0.052 | 1 | - |
| 0057 12 | 110 | 0.066 | 1 | - |

Ref. 0058



**Anillo de apriete**

**Necking**

| Medida/Size | A    | B    | C   |
|-------------|------|------|-----|
| 20          | 21,5 | 25,5 | 6,5 |
| 25          | 26,5 | 31,5 | 7,5 |
| 32          | 33,5 | 38,5 | 8,5 |
| 40          | 41,5 | 48   | 10  |
| 50          | 51,5 | 58   | 12  |
| 63          | 64,5 | 71   | 14  |
| 75          | 77   | 84   | 18  |
| 90          | 92   | 100  | 20  |
| 110         | 112  | 122  | 20  |



|         |     |       |   |   |
|---------|-----|-------|---|---|
| 0058 04 | 20  | 0.005 | 1 | - |
| 0058 05 | 25  | 0.009 | 1 | - |
| 0058 06 | 32  | 0.03  | 1 | - |
| 0058 07 | 40  | 0.024 | 1 | - |
| 0058 08 | 50  | 0.038 | 1 | - |
| 0058 09 | 63  | 0.06  | 1 | - |
| 0058 10 | 75  | 0.106 | 1 | - |
| 0058 11 | 90  | 0.08  | 1 | - |
| 0058 12 | 110 | 0.09  | 1 | - |

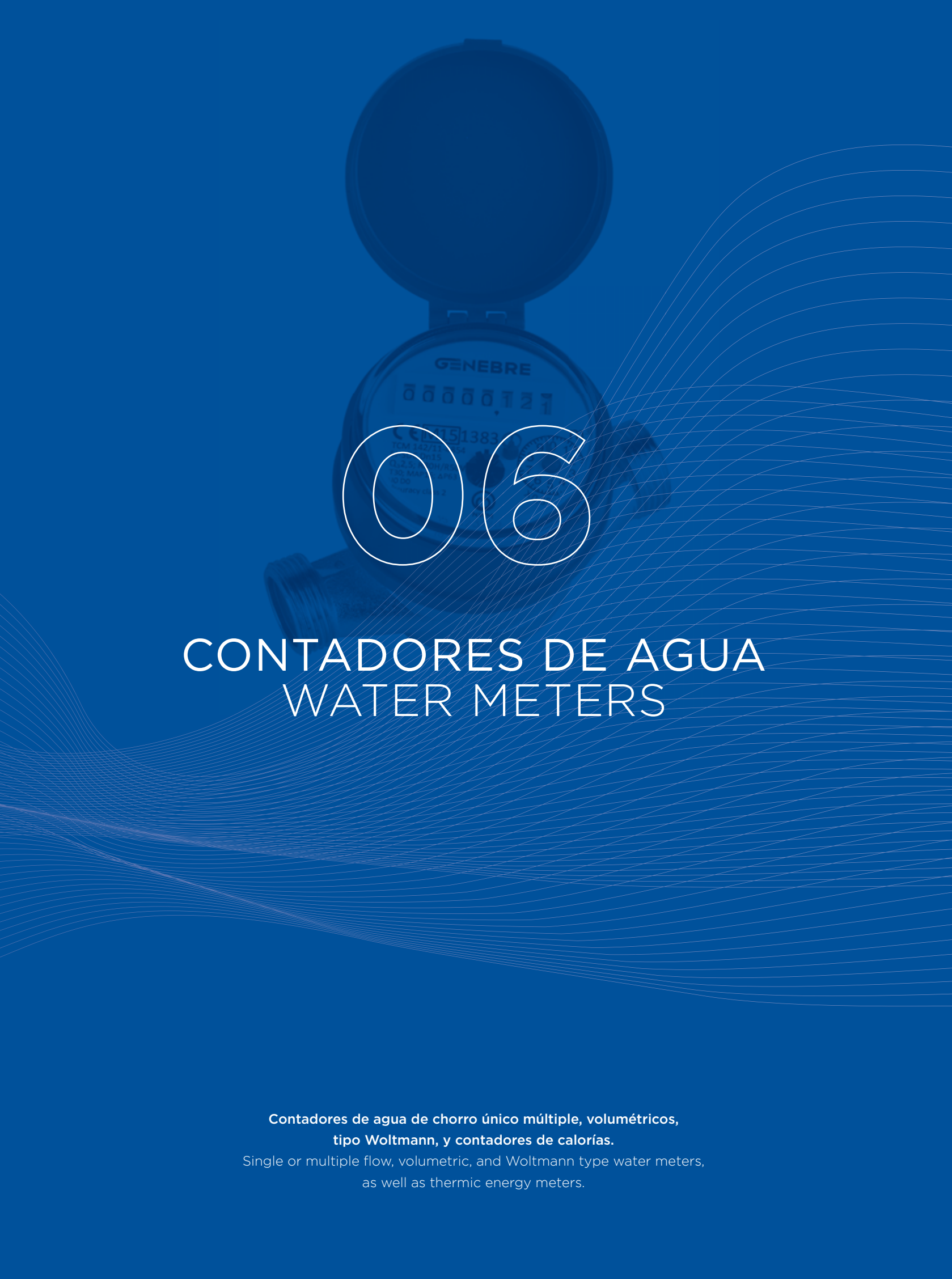


BE WATER. BE GENEBRE



WATER CARE VISIONEERS





06

# CONTADORES DE AGUA WATER METERS

**Contadores de agua de chorro único múltiple, volumétricos,  
tipo Woltmann, y contadores de calorías.**

Single or multiple flow, volumetric, and Woltmann type water meters,  
as well as thermic energy meters.

# Contadores de agua

## Brass accessories

### Diferentes tipos de contadores de agua:

- Contadores de velocidad: Chorro único o chorro múltiple (uso domiciliario, semi-industrial) y tipo Woltmann (uso industrial, sistemas de abastecimiento).
  - Chorro único, uso domiciliario, semi-industrial (6010, 6011, 6015, 6020, 6021, 6110C, 6111C, 6120C, 6121C).
  - Chorro múltiple, uso domiciliario, semi-industrial (6029, 6029P).
  - Tipo Woltmann, uso industrial, sistemas de abastecimiento (6060, 6060A).
- Contadores Volumétricos: Pistón rotativo (uso a bajos caudales o en cualquier posición de instalación).
  - Volumétrico-pistón rotativo, uso a bajos caudales, en cualquier posición de instalación (6090, 6192).

### Different types of water meters:

- Speed meters: Single jet or multiple jet (home, semi-industrial use) and Woltmann type (industrial use, supply systems).
  - Single flow, home use, semi-industrial use (6010, 6011, 6015, 6020, 6021, 6110C, 6111C, 6120C, 6121C).
  - Multiple flow, home use, semi-industrial use (6029, 6029P).
  - Woltmann type, industrial use, supply systems (6060, 6060A).
- Volumetric Counters: Rotary piston (use at low flow rates or in any installation position).
  - Volumetric-rotary piston, use at low flow rates, in any installation position (6090, 6192).



Ref. 6110C - 6115C - 6120C



**Contador de agua de chorro único (Agua fría)**

Construcción: mecanismo de lectura totalmente seco, por transmisión magnética, pre-equipado para transmisor de impulsos. Contador orientable 360°. Montaje horizontal o vertical. Protección contra manipulación. Temperatura máxima 30°C. Presión máxima 16 bar. Clase de precisión 2. Aprobación CE.

**Single flow water meter (Cold water)**

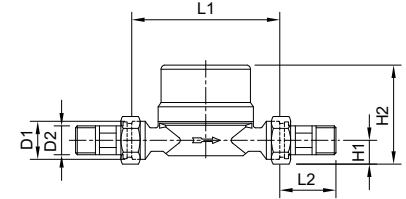
Construction: totally dry reading mechanism, by magnetic transmission, pre-equipped for pulse transmitter. Adjustable meter to 360°. Horizontal or vertical mounting. Protected against manipulation. Maximum temperature 30°C. Maximum pressure 16 bar. Precision class 2. EC Approval.

| DN      | D1          | D2   | L1  | L2 | H1 | H2   |
|---------|-------------|------|-----|----|----|------|
| 15      | 3/4"        | 1/2" | 110 | 47 | 17 | 84,5 |
| 13 - 15 | 3/4" x 7/8" | 1/2" | 114 | 47 | 17 | 84,5 |
| 20      | 1"          | 3/4" | 130 | 52 | 21 | 84,5 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. € PRICE € |
|-------------|-------------|-------------|------------------|
|-------------|-------------|-------------|------------------|

|          |             |       |   |
|----------|-------------|-------|---|
| 6110C 05 | 3/4" x 3/4" | 0.635 | - |
| 6115C 05 | 3/4" x 7/8" | 0.625 | - |
| 6120C 06 | 1" x 1"     | 0.814 | - |

Racor incluido / Included connector



Ref. 6111C - 6121C



**Contador de agua de chorro único (Agua caliente)**

Construcción: mecanismo de lectura totalmente seco, por transmisión magnética, pre-equipado para transmisor de impulsos. Contador orientable 360°. Montaje horizontal o vertical. Protección contra manipulación. Temperatura máxima 90°C. Presión máxima 16 bar. Clase de precisión 2. Aprobación CE.

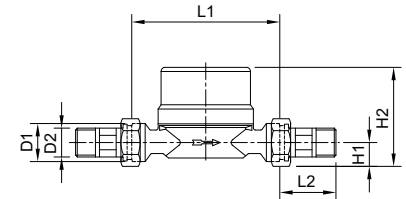
**Single flow water meter (Hot water)**

Construction: totally dry reading mechanism, by magnetic transmission, pre-equipped for pulse transmitter. Adjustable meter to 360°. Horizontal or vertical mounting. Protected against manipulation. Maximum temperature 90°C. Maximum pressure 16 bar. Precision class 2. EC Approval.

| DN | D1   | D2   | L1  | L2 | H1 | H2   |
|----|------|------|-----|----|----|------|
| 15 | 3/4" | 1/2" | 110 | 47 | 17 | 84,5 |
| 20 | 1"   | 3/4" | 130 | 52 | 21 | 84,5 |

|          |             |       |   |
|----------|-------------|-------|---|
| 6111C 05 | 3/4" x 3/4" | 0.637 | - |
| 6121C 06 | 1" x 1"     | 0.819 | - |

Racor incluido / Included connector



Ref. 6100



**Emisor de impulsos contador de chorro único**

Sensor de contacto libre de potencial. Cable de 2 hilos por 1,5 m de longitud.

**Pulse transmitter single flow water meter**

Switch sensor potential free. 2 wires cable and 1,5 m length.

|      |       |   |
|------|-------|---|
| 6100 | 0.026 | - |
|------|-------|---|

Ref. 6029



**Contador de agua de chorro múltiple (Agua fría)**

Contador de dial seco para agua fría. Montaje horizontal. Aprobación CE. Temperatura máxima 30°C. Presión máxima 16 bar. Clase de precisión 2.

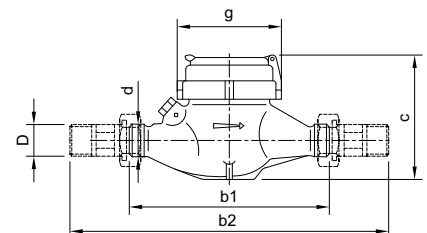
**Multiple flow water meter (Cold water)**

Dry dial meter for cold water. Horizontal mounting. EC approval. Maximum temperature: 30°C. Maximum pressure 16 bar. Precision class: 2.

| DN | d      | D      | b1  | b2  | c     | g   |
|----|--------|--------|-----|-----|-------|-----|
| 15 | 3/4"   | 1/2"   | 165 | 259 | 107,5 | 94  |
| 20 | 1"     | 3/4"   | 190 | 294 | 107,5 | 94  |
| 25 | 1 1/4" | 1"     | 260 | 380 | 117,5 | 98  |
| 32 | 1 1/2" | 1 1/4" | 260 | 384 | 117,5 | 98  |
| 40 | 2"     | 1 1/2" | 300 | 431 | 141,5 | 122 |

|         |                 |       |   |
|---------|-----------------|-------|---|
| 6029 05 | 3/4" x 3/4"     | 1.315 | - |
| 6029 06 | 1" x 1"         | 1.549 | - |
| 6029 07 | 1 1/4" x 1 1/4" | 2.44  | - |
| 6029 08 | 1 1/2" x 1 1/2" | 2.85  | - |
| 6029 09 | 2" x 2"         | 5.226 | - |

Racor incluido / Included connector





Ref. 6029P



**Contador de agua de chorro múltiple (Agua fría)**

Construcción: tecnopolímero. Contador de dial seco para agua fría. Montaje horizontal. Temperatura máxima 40°C. Presión máxima 16 bar. Clase de precisión B. Montaje horizontal.

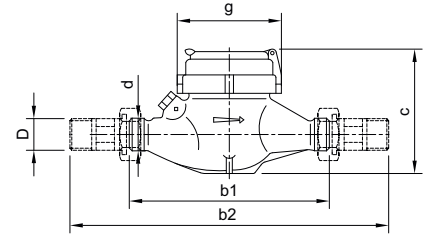
**Multiple flow water meter (Cold water)**

Construction: plastic body. Dry dial meter for cold water. Horizontal mounting. Maximum temperature 40°C. Maximum pressure 16 bar. Precision class: B. Horizontal mounting.

| DN | d      | D    | b1  | b2  | c     | g  |
|----|--------|------|-----|-----|-------|----|
| 15 | 3/4"   | 1/2" | 165 | 259 | 105,5 | 98 |
| 20 | 1"     | 3/4" | 190 | 294 | 107   | 98 |
| 25 | 1 1/4" | 1"   | 260 | 380 | 107   | 98 |

| CÓDIGO CODE | MEDIDA SIZE     | PESO WEIGHT | P.V.P. € PRICE € |
|-------------|-----------------|-------------|------------------|
| 6029P 05    | 3/4" x 3/4"     | 0.728       | -                |
| 6029P 06    | 1" x 1"         | 0.822       | -                |
| 6029P 07    | 1 1/4" x 1 1/4" | 1.229       | -                |

Racor incluido / Included connector



Ref. 6060



**WOLTMANN**

**Contador de agua tipo WOLTMANN con bridas DIN**

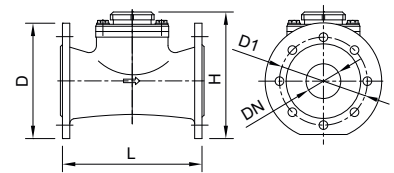
Para la medición del consumo de agua fría. Registro seco. Pérdida de presión mínima. Precisión de medición conforme a la norma ISO 4064, clase de precisión 2. Posición de montaje horizontal (recomendado), vertical o inclinado. Temperatura máxima del agua 30°C. Presión máxima de trabajo 16 bar. Extremos con bridas según EN 1092, PN16. Pre-equipado para transmisor de impulsos. Marcado CE

**WOLTMANN water meter with DIN flanges**

For measurement of high flows of cold water. Dry dial. Low pressure loss. Measuring accuracy conform ISO 4064, accuracy class 2. The meter could be installed in horizontal (recommended), vertical or inclined position. Maximum water temperature 30°C. Maximum working pressure 16 bar. DIN flanges ends according EN 1092, PN16. Pre-equipped for pulse transmitter. CE approval

| DN  | L   | H   | D   | D1  | Agujeros/Holes (mm) | Peso/Weight (Kg) |
|-----|-----|-----|-----|-----|---------------------|------------------|
| 50  | 200 | 400 | 165 | 125 | 4 x 18              | 12               |
| 65  | 200 | 400 | 185 | 145 | 4 x 18              | 13               |
| 80  | 225 | 400 | 200 | 160 | 8 x 18              | 14               |
| 100 | 250 | 400 | 220 | 180 | 8 x 18              | 16               |
| 125 | 250 | 400 | 250 | 210 | 8 x 18              | 20               |
| 150 | 300 | 500 | 285 | 240 | 8 x 22              | 31               |
| 200 | 350 | 500 | 340 | 295 | 12 x 22             | 40               |
| 250 | 450 | 710 | 405 | 355 | 12 x 26             | 83               |

|         |        |        |   |
|---------|--------|--------|---|
| 6060 09 | 2"     | 11.422 | - |
| 6060 10 | 2 1/2" | 13.009 | - |
| 6060 11 | 3"     | 14.133 | - |
| 6060 12 | 4"     | 14.946 | - |
| 6060 13 | 5"     | 19.706 | - |
| 6060 14 | 6"     | 30.66  | - |
| 6060 16 | 8"     | 41.383 | - |
| 6060 18 | 10"    | 89.488 | - |



Ref. 6060A



**WOLTMANN**

**Contador de agua tipo WOLTMANN con bridas ANSI**

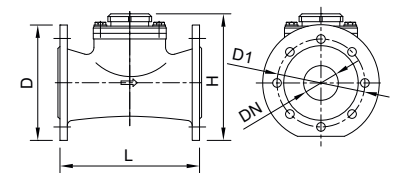
Para la medición del consumo de agua fría. Registro seco. Pérdida de presión mínima. Precisión de medición conforme a la Norma ISO 4064, clase de precisión 2. Posición de montaje horizontal, vertical o inclinado (se recomienda el montaje en posición horizontal y con el medidor hacia arriba). Condiciones de trabajo: Temperatura máxima del agua: 30°C. Presión máxima de trabajo: 16 bar. Extremos conexión bridas ANSI. Pre-equipado para transmisor de impulsos.

**WOLTMANN water meter with ANSI flanges**

For measurement of high flows of cold water. Dry-dial. Low pressure loss. Measuring accuracy conform to ISO 4064 Standard, accuracy class 2. The meter can be installed in horizontal, vertical or inclined position (a horizontal position with the register face upwards is recommended). Working conditions: Maximum water temperature: 30°C. Maximum working pressure: 16 bar. ANSI flanges ends connection. Pre-equipped for pulse transmitter.

| Med./Size | L   | H   | D     | D1     | Agujeros/Holes (mm) | Peso/Weight (Kg) |
|-----------|-----|-----|-------|--------|---------------------|------------------|
| 2"        | 200 | 252 | 165   | 120,65 | 4 x 19              | 12               |
| 2 1/2"    | 200 | 262 | 185   | 139,7  | 4 x 19              | 13               |
| 3"        | 225 | 272 | 190,5 | 152,4  | 4 x 19              | 15               |
| 4"        | 250 | 282 | 228,6 | 190,5  | 8 x 19              | 18               |
| 5"        | 250 | 297 | 254   | 215,9  | 8 x 22              | 23               |
| 6"        | 300 | 341 | 279,4 | 241,3  | 8 x 22              | 37               |
| 8"        | 350 | 371 | 343   | 298,5  | 8 x 22              | 47               |
| 10"       | 450 | 480 | 406,4 | 362    | 12 x 25             | 94               |
| 12"       | 500 | 516 | 482,6 | 431,8  | 12 x 25             | 134              |

|          |        |        |   |
|----------|--------|--------|---|
| 6060A 09 | 2"     | 11.469 | - |
| 6060A 10 | 2 1/2" | 12.92  | - |
| 6060A 11 | 3"     | 13.997 | - |
| 6060A 12 | 4"     | 19.357 | - |
| 6060A 13 | 5"     | 22.65  | - |
| 6060A 14 | 6"     | 33.945 | - |
| 6060A 16 | 8"     | 47.417 | - |
| 6060A 18 | 10"    | 96.025 | - |
| 6060A 20 | 12"    | 125.65 | - |



Ref. 6066



**Emisor de impulsos para Woltman**

Sensor de contacto libre de potencial. Cable de 2 hilos por 1,5 m de longitud.

**Woltman pulse transmitter**

Switch sensor potential free. 2 wire cable and 1.5 m length.

|      |       |   |
|------|-------|---|
| 6066 | 0.028 | - |
|------|-------|---|



| CÓDIGO<br>CODE | MEDIDA<br>SIZE | PESO<br>WEIGHT | P.V.P. €<br>PRICE € |
|----------------|----------------|----------------|---------------------|
|----------------|----------------|----------------|---------------------|

Ref. 6085



### Contador de calorías

Los contadores de energía térmica de tipo compacto se utilizan para la contabilización del consumo de la energía térmica en aplicaciones de calefacción. Compuesto de unidad de cálculo de consumo energético, display de visualización de 8 dígitos, teclado de interacción usuario, contador de chorro único con la sonda de retorno insertada en el propio cuerpo del contador y sondas PT500 Ø 5 mm. Red de comunicación M-bus. Certificado MID (2004/22/CE).

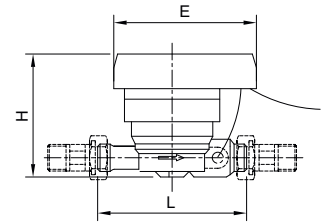
Instalación del contador en la tubería de retorno. Montaje en horizontal o vertical. PN10 bar. IP54. Alimentación por batería de litio 3 V. Longitud del cable sonda 1,5 m. Rango de temperatura de fluido desde 15°C a 90°C.

### Thermal energy meter

The compact thermal energy meters are used to score the thermal energy consumption in a heating installations. Components: Energetic consumption calculation unit, 8 digits display, keyboard user, single jet meter with return probe inserted into the body's meter and PT500 Ø 5 mm probes. M-bus communication net. MID (2004/22/CE) Certificate.

Meter installation on the return pipe. Horizontal or vertical mounting. PN10 bar. IP54. Lithium battery power supply. 1.5 m probe cable length. Flow temperatures range from 15°C to 90°C.

|         |              |       |   |
|---------|--------------|-------|---|
| 6085 05 | DN 15 - 3/4" | 0.794 | - |
|---------|--------------|-------|---|



| Tamaño / Size (DN) | Caudal / Flow rate |       |            | Longitud / Length L (mm) | Altura / Height H (mm) | Unidad cálculo / Compute unit E (mm) | Rosca sonda / Probe thread | Longitud sonda / Probe length (mm) |
|--------------------|--------------------|-------|------------|--------------------------|------------------------|--------------------------------------|----------------------------|------------------------------------|
|                    | Q max. m/h         | Q m/h | Q min. l/h |                          |                        |                                      |                            |                                    |
| 3/4" (15 mm)       | 3                  | 1,5   | 7          | 110                      | 95                     | 110 (110 x 80)                       | M10 x 1                    | 35                                 |

Ref. 6045



### Tapa contador agua fría

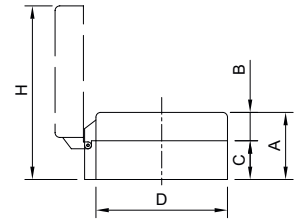
Construcción en plástico ABS color azul. Compatible con los contadores de chorro único código 6110C, 6115C y 6120C

### Cold water meter cover

Blue ABS plastic construction. Compatible with single flow water meter code 6110C, 6115C and 6120C

| A  | B  | C  | D  | H  |
|----|----|----|----|----|
| 36 | 15 | 21 | 70 | 90 |

|         |  |       |   |
|---------|--|-------|---|
| 6045 00 |  | 0.034 | - |
|---------|--|-------|---|



Ref. 6040 - 6038



### Racor dos piezas unión a contador

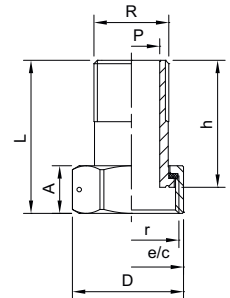
Construcción en latón según UNE-EN 12165. Roscas gas (BSP) ISO 228/1. Orificio para precinto en la tuerca. Junta de fibra incluida. El kit se compone de dos unidades de racor dos piezas con junta.

### Two parts connector for watermeter union

Body brass UNE-EN 12165. Gas threaded ends (BSP) ISO 228/1. Hole for seal on the nut. Fiber joint included. The kit are composed by two units of two parts connector with gasket

| r      | R      | P  | h    | A    | L    | e/c (Hexagonal)  | D    |
|--------|--------|----|------|------|------|------------------|------|
| 1/2"   | 3/4"   | 14 | 37,5 | 15   | 46,5 | 29               | 32   |
| 3/4"   | 1"     | 20 | 45,5 | 17   | 56,5 | 36               | 40,5 |
| 1"     | 1 1/4" | 26 | 45,5 | 20,5 | 59,5 | 46               | 52   |
| 1 1/4" | 1 1/2" | 33 | 55,5 | 22,5 | 69,5 | 52,5             | 59   |
| 1 1/2" | 2"     | 39 | 65,5 | 24   | 80   | 65,5 (Octogonal) | 70   |
| 1/2"   | 7/8"   | 14 | 37,5 | 15   | 46,5 | 29               | 32   |

|         |                 |       |   |
|---------|-----------------|-------|---|
| 6040 04 | 1/2" x 3/4"     | 0.074 | - |
| 6040 05 | 3/4" x 1"       | 0.115 | - |
| 6040 06 | 1 1/4" x 1"     | 0.201 | - |
| 6040 07 | 1 1/2" x 1 1/4" | 0.319 | - |
| 6040 08 | 2" x 1 1/2"     | 0.496 | - |
| 6038 04 | 1/2" x 7/8"     | 0.082 | - |



Ref. 6041



### Adaptador de rosca 3/4" a 7/8" para contador

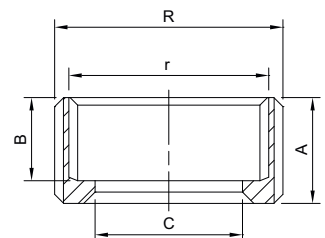
Construcción en latón según UNE-EN 12165. Roscas gas (BSP) M-H - ISO 228/1

### Thread adapter 3/4" to 7/8" for water meter

Body brass UNE-EN 12165. Gas threaded ends (BSP) M-F - ISO 228/1

| r    | R    | A  | B  | C    |
|------|------|----|----|------|
| 3/4" | 7/8" | 14 | 11 | 19,5 |

|         |             |      |   |
|---------|-------------|------|---|
| 6041 05 | 3/4" x 7/8" | 0.02 | - |
|---------|-------------|------|---|



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| 0015                      | 154                  | 3019N                     | 21                   | 3061                      | 37                   | 3122P                     | 47                   |
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| 0022                      | 148                  | 3021                      | 17                   | 3064                      | 38                   | 3124                      | 152                  |
| 0022R                     | 148                  | 3022                      | 20                   | 3065                      | 39                   | 3131                      | 48                   |
| 0025                      | 155                  | 3023                      | 17                   | 3066                      | 38                   | 3134                      | 111                  |
| 0030                      | 155                  | 3023N                     | 17                   | 3066B                     | 38                   | 3136                      | 111                  |
| 0032                      | 149                  | 3026PR                    | 19                   | 3068                      | 40                   | 3140                      | 48                   |
| 0035                      | 156                  | 3026R                     | 18                   | 3069                      | 53                   | 3142                      | 47                   |
| 0037                      | 149                  | 3027P                     | 19                   | 3070                      | 26                   | 3145E                     | 49                   |
| 0040                      | 156                  | 3027PR                    | 19                   | 3073                      | 102                  | 3145EN                    | 49                   |
| 0042                      | 150                  | 3027R                     | 18                   | 3074                      | 99                   | 3160                      | 49                   |
| 0045                      | 157                  | 3028                      | 18                   | 3075                      | 24                   | 3160N                     | 49                   |
| 0047                      | 150                  | 3028P                     | 19                   | 3080                      | 26                   | 3171                      | 91                   |
| 0048                      | 158                  | 3028PR                    | 19                   | 3081                      | 28                   | 3175                      | 91                   |
| 0049                      | 151                  | 3028R                     | 18                   | 3082                      | 28                   | 3176                      | 91                   |
| 0050                      | 157                  | 3029                      | 20                   | 3083                      | 31                   | 3178                      | 111                  |
| 0052                      | 151                  | 3029H                     | 20                   | 3084                      | 24                   | 3179                      | 91                   |
| 0055                      | 158                  | 3030I                     | 21                   | 3085                      | 25                   | 3180                      | 49                   |
| 0056                      | 158                  | 3031                      | 21                   | 3088                      | 151                  | 3180N                     | 49                   |
| 0057                      | 158                  | 3032                      | 22                   | 3089                      | 151                  | 3182                      | 91                   |
| 0058                      | 158                  | 3033                      | 22                   | 3090                      | 45                   | 3183                      | 31                   |
| 0061                      | 152                  | 3034                      | 22                   | 3091                      | 45                   | 3183AR                    | 33                   |
| 0062                      | 152                  | 3034H                     | 22                   | 3092                      | 45                   | 3183AS                    | 33                   |
| 0063                      | 152                  | 3034I                     | 23                   | 3093                      | 42                   | 3183B                     | 32                   |
| 026PR                     | 19                   | 3034IH                    | 23                   | 3094                      | 42                   | 3183BS                    | 32                   |
| 1431S                     | 112                  | 3035                      | 23                   | 3094E                     | 42                   | 3183S                     | 32                   |
| 1441                      | 102                  | 3036                      | 23                   | 3094P                     | 42                   | 3184                      | 31                   |
| 1443P                     | 102                  | 3037                      | 23                   | 3095                      | 44                   | 3184B                     | 32                   |
| 1444                      | 112                  | 3038                      | 23                   | 3095N                     | 44                   | 3185                      | 49                   |
| 1451                      | 112                  | 3044                      | 93                   | 3096                      | 26                   | 3185N                     | 49                   |
| 1452                      | 112                  | 3046                      | 24                   | 3096H                     | 26                   | 3186                      | 50                   |
| 2228                      | 100                  | 3048                      | 24                   | 3097                      | 26                   | 3187                      | 51                   |
| 2272                      | 59                   | 3056                      | 31                   | 3097H                     | 26                   | 3188                      | 91                   |
| 2444                      | 112                  | 3059                      | 36                   | 3104                      | 43                   | 3189                      | 91                   |
| 2848                      | 64                   | 3059D                     | 37                   | 3106                      | 43                   | 3190                      | 50                   |
| 2850                      | 64                   | 3059L                     | 36                   | 3109                      | 43                   | 3190N                     | 50                   |
| 2918                      | 40                   | 3059R                     | 36                   | 3120                      | 48                   | 3191                      | 91                   |

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| 3191E                     | 91                   | 3320E                     | 57                   | 3640                      | 119                  | 3887                      | 63                   |
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| 3211                      | 39                   | 3396                      | 27                   | 3775                      | 60                   | 3930                      | 106                  |
| 3217                      | 39                   | 3397                      | 27                   | 3777                      | 60                   | 3930K                     | 106                  |
| 3220                      | 50                   | 3430                      | 72                   | 3780                      | 61                   | 3931                      | 107                  |
| 3221                      | 50                   | 3430A                     | 72                   | 3781                      | 61                   | 3931K                     | 106                  |
| 3221N                     | 50                   | 3430N                     | 72                   | 3782                      | 61                   | 3932                      | 106                  |
| 3222                      | 50                   | 3434                      | 73                   | 3784                      | 61                   | 3950                      | 70                   |
| 3227                      | 51                   | 3446                      | 73                   | 3785                      | 62                   | 3952                      | 70                   |
| 3228                      | 51                   | 3450                      | 73                   | 3788                      | 60                   | 3955                      | 70                   |
| 3229                      | 51                   | 3451                      | 27                   | 3789                      | 61                   | 3956                      | 70                   |
| 3234                      | 29                   | 3454                      | 74                   | 3802                      | 65                   | 4010                      | 136                  |
| 3235                      | 29                   | 3462                      | 74                   | 3809                      | 65                   | 4020                      | 134                  |
| 3253                      | 64                   | 3499                      | 74                   | 3814                      | 68                   | 4021                      | 135                  |
| 3254                      | 64                   | 3500                      | 120                  | 3818                      | 66                   | 4022                      | 134                  |
| 3254P                     | 64                   | 3505                      | 120                  | 3819                      | 65                   | 4030                      | 127                  |
| 3259                      | 65                   | 3510                      | 120                  | 3820                      | 66                   | 4030Q                     | 127                  |
| 3263                      | 109                  | 3515                      | 120                  | 3820N                     | 66                   | 4031                      | 127                  |
| 3264                      | 65                   | 3520                      | 121                  | 3821                      | 66                   | 4032                      | 127                  |
| 3272E                     | 25                   | 3525                      | 121                  | 3822                      | 67                   | 4040                      | 130                  |
| 3282E                     | 25                   | 3550                      | 121                  | 3822N                     | 67                   | 4041                      | 130                  |
| 3294                      | 43                   | 3555                      | 121                  | 3824                      | 69                   | 4050                      | 134                  |
| 3302                      | 53                   | 3560                      | 122                  | 3824N                     | 69                   | 4100                      | 137                  |
| 3302N                     | 53                   | 3565                      | 122                  | 3825                      | 67                   | 4112                      | 139                  |
| 3304                      | 53                   | 3570                      | 122                  | 3826                      | 67                   | 4115                      | 140                  |
| 3310                      | 54                   | 3575                      | 122                  | 3827                      | 68                   | 4118                      | 140                  |
| 3311                      | 54                   | 3600                      | 119                  | 3829                      | 68                   | 4120                      | 140                  |
| 3312                      | 123                  | 3610                      | 117                  | 3850                      | 53                   | 4122                      | 140                  |
| 3314                      | 55                   | 3615                      | 117                  | 3860                      | 52                   | 4210                      | 128                  |
| 3315                      | 57                   | 3620                      | 117                  | 3865                      | 52                   | 4220                      | 128                  |
| 3316E                     | 55                   | 3622                      | 117                  | 3881                      | 62                   | 4221                      | 128                  |
| 3317                      | 55                   | 3625                      | 118                  | 3882                      | 62                   | 4222                      | 129                  |
| 3318                      | 57                   | 3627                      | 118                  | 3883                      | 62                   | 4223RC                    | 129                  |
| 3318N                     | 57                   | 3630                      | 118                  | 3884                      | 63                   | 4232                      | 129                  |
| 3320                      | 58                   | 3632                      | 118                  | 3886                      | 63                   | 4240                      | 131                  |

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| 4250                      | 130                  | 4858                      | 142                  | 70246                     | 97                   | 73827                     | 98                   |
| 4320                      | 132                  | 6029                      | 163                  | 70302                     | 93                   | 78454                     | 101                  |
| 4321                      | 132                  | 6029P                     | 164                  | 70304                     | 94                   | 79001                     | 86                   |
| 4322                      | 132                  | 6038                      | 165                  | 70306                     | 98                   | 79002                     | 86                   |
| 4324                      | 132                  | 6040                      | 165                  | 70500                     | 109                  | 79320                     | 101                  |
| 4328                      | 132                  | 6041                      | 165                  | 70564                     | 85                   | 8020                      | 69                   |
| 4330                      | 133                  | 6045                      | 165                  | 70565                     | 85                   | 8021                      | 69                   |
| 4332                      | 133                  | 6060                      | 164                  | 70587                     | 84                   | 8028                      | 70                   |
| 4333                      | 135                  | 6060A                     | 164                  | 70588                     | 84                   | 8029                      | 70                   |
| 4335                      | 133                  | 6066                      | 164                  | 70590                     | 86                   | 8045                      | 108                  |
| 4336                      | 133                  | 6085                      | 165                  | 70621                     | 102                  | 8045LA                    | 109                  |
| 4340                      | 131                  | 6100                      | 163                  | 70735                     | 88                   | 8046                      | 108                  |
| 4425                      | 135                  | 6110C                     | 163                  | 70874                     | 101                  | 8046LA                    | 109                  |
| 4426                      | 136                  | 6111C                     | 163                  | 71012                     | 92                   | 8047                      | 108                  |
| 4440                      | 130                  | 6115C                     | 163                  | 71028                     | 87                   | 8047LA                    | 109                  |
| 4519                      | 136                  | 6120C                     | 163                  | 71200                     | 103                  | 8048                      | 108                  |
| 4630                      | 137                  | 6121C                     | 163                  | 71202                     | 103                  | K3000                     | 29                   |
| 4631                      | 138                  | 70017                     | 92                   | 71204                     | 103                  | K3046B                    | 97                   |
| 4632                      | 138                  | 70018                     | 92                   | 71206                     | 103                  | K3046R                    | 97                   |
| 4633                      | 139                  | 70024                     | 89                   | 71208                     | 104                  | K3052P                    | 33                   |
| 4635                      | 139                  | 70031                     | 82                   | 71212                     | 104                  | K3053                     | 33                   |
| 4697                      | 133                  | 70032                     | 82                   | 71410                     | 96                   | K3054                     | 34                   |
| 4720 1                    | 141                  | 70035                     | 90                   | 71411                     | 96                   | K3770                     | 94                   |
| 4721                      | 141                  | 70037                     | 111                  | 7141B                     | 97                   | K3771                     | 94                   |
| 4730                      | 141                  | 70038                     | 93                   | 7141R                     | 97                   | K4000                     | 143                  |
| 4731                      | 141                  | 70041                     | 88                   | 71502                     | 95                   | M3054                     | 34                   |
| 4790                      | 104                  | 70042                     | 89                   | 72190                     | 98                   | M3055                     | 34                   |
| 4791                      | 104                  | 70048                     | 85                   | 72319                     | 95                   | M3057                     | 34                   |
| 4792                      | 105                  | 70049                     | 85                   | 72501                     | 87                   | R360                      | 39                   |
| 4793                      | 105                  | 70069                     | 89                   | 72606                     | 98                   | T2228                     | 100                  |
| 4795                      | 105                  | 70070                     | 88                   | 72961                     | 101                  | T3074                     | 99                   |
| 4801 05                   | 143                  | 70071                     | 88                   | 73070                     | 95                   |                           |                      |
| 4801 08                   | 143                  | 70151                     | 81                   | 73153                     | 92                   |                           |                      |
| 4803                      | 143                  | 70152                     | 81                   | 73189                     | 98                   |                           |                      |
| 4804                      | 143                  | 70153                     | 82                   | 73262                     | 109                  |                           |                      |
| 4805                      | 141                  | 70154                     | 82                   | 73286                     | 95                   |                           |                      |
| 4808                      | 142                  | 70171                     | 90                   | 73298                     | 94                   |                           |                      |
| 4814                      | 142                  | 70176                     | 90                   | 73566                     | 101                  |                           |                      |
| 4819                      | 143                  | 70177                     | 87                   | 73717A                    | 100                  |                           |                      |
| 4828                      | 142                  | 70224                     | 97                   | 73717M                    | 100                  |                           |                      |



# Condiciones generales de venta

## General sales conditions

**PRECIOS:** Los precios se entienden en nuestro almacén, siendo los portes, el I.V.A. y acarreo a cargo del comprador, salvo acuerdo previo en contra.

**CONDICIONES DE PAGO:** En aplicación de la Ley 15/2010 que limita los plazos máximos de pago en las operaciones comerciales, hemos ajustado las condiciones a lo dispuesto en la misma. En caso de diferirse el pago, los gastos de negociación de efectos y/o los intereses legales especificados serán a cargo del comprador. El impago de cualquier efecto o recibo, conllevará la inmediata suspensión de suministros y servicios.

**PEDIDOS:** Para la tramitación de cualquier suministro será indispensable que el comprador nos remita el pedido por escrito indicando claramente la referencia Genebre, incluidos los dígitos de la medida y también la cantidad deseada respetando las unidades de compra mínima (por caja), tal como especifica Genebre en su catálogo. El importe mínimo del pedido se establece en 50€ para pedidos del Mercado Nacional y de 100€ para pedidos comunitarios. Si existen condicionantes no previstos, Genebre S.A. se reserva el derecho de aceptación o anulación de los pedidos cursados. Cada pedido solicitado a Genebre S.A. genera una expedición para el cliente con su coste de transporte correspondiente; por lo que recomendamos preparen sus pedidos completos una vez al día para optimizar el transporte. Todos los pedidos serán confirmados por Genebre, S.A. vía email/fax. Salvo notificación de lo contrario en las siguientes 2 horas (mercado nacional), el pedido confirmado seguirá su curso sin derecho a posteriores reclamaciones.

**TARIFAS DE PRECIOS:** Genebre S.A. comunicará a sus clientes cualquier cambio que se produzca en las tarifas del catálogo a través de alguna de las vías de comunicación usuales (web, email, correo).

**CANCELACIÓN DE PRODUCTOS DE CATÁLOGO:** Genebre, S.A. comunicará a sus clientes cualquier cancelación de productos del catálogo.

**ESPECIFICACIONES TÉCNICAS:** El catálogo de Genebre, S.A. contiene los requisitos técnicos y normas aplicables a los productos suministrados. Genebre S.A. se reserva la facultad de cambiar en todo o en parte el diseño y materiales de cualquiera de sus productos, debido a la mejora continua de nuestros productos.

**EXPEDICIONES:** Todo pedido superior a 500 euros en Península se suministran a portes pagados. Para Canarias, Ceuta, Melilla y Andorra, el pedido mínimo será de 1.000 euros. Las mercancías viajan siempre por cuenta y riesgo del comprador, aún en los casos de convenios especiales.

**ENTREGA:** Los pedidos se suministrarán siempre por cajas completas, según especificaciones de catálogo.

**RECLAMACIONES:** Las eventuales reclamaciones deberán formularse dentro de los 15 días siguientes al de recepción de la mercancía por el comprador, rechazándose las efectuadas después de dicho plazo límite. NO se aceptará ninguna devolución de material sin aprobación previa de nuestro Departamento Comercial que facilitará un número de boletín de devolución que debe acompañar al material devuelto. Todas las devoluciones serán con los portes a cargo del comprador. Y se realizará un cargo por demérito del 10% del valor de la mercancía para todos los materiales, excepto para las válvulas automatizadas que será del 30%.

**GARANTÍA:** Queda limitada al reemplazo de las piezas reconocidas como defectuosas de fabricación por el Departamento de Calidad de Genebre S.A.. No admitiremos ninguna reclamación transcurridos 15 días de la recepción de la mercancía por el comprador.

**PROPIEDAD DE LA MERCANCÍA:** Genebre, S.A. se reserva el derecho de propiedad de la mercancía suministrada, hasta que el comprador no haya satisfecho totalmente el importe de la misma. En el intervalo, se considerará en concepto de depósito y custodia. La mercancía podrá ser retirada por incumplimiento de pago en el plazo previamente estipulado.

**LITIGIOS:** En caso de litigio, ambas partes aceptan someter sus diferencias a los Juzgados de L'Hospitalet de Llobregat.

**PRICES:** Prices are considered to be EX WORKS, being the freight and transportation at the cost of the purchaser, unless previous agreement has been reached.

**PAYMENT TERMS:** We have adjusted the conditions in application of Law 15/2010 which limits the maximum terms of payment in commercial transactions. The maximum delay on payment will be of 60 days after invoice date. Payment term will be as accorded between the parties. In case of unpaid, the expenses and interest occurred will be paid by the purchaser. The unpaid maturity will imply the complete suspension of any service or supply.

**ORDERS:** Regarding the handling of any supply, it is compulsory for the purchaser to send a written signed and sealed purchasing order indicating clearly Genebre's reference, including measures digits, and also the quantity required subject to obligated minimum units of purchase (boxes), as Genebre's Catalogue specifies. The minimum order amount is set at 50€ for National Market orders and 100€ for community orders. In case of unexpected discrepancies, Genebre has the right to accept or cancel the pending orders. Each order required to Genebre, S.A., opens a client expedition with corresponding transports cost, because of that, we recommend to prepare complete orders once a day to improve the transport. All the orders will be confirmed by Genebre by e-mail/fax. Each confirmed order will handled without any right from the purchaser to modify it, unless previous notification before 2 hours (national market) after confirmation.

**PRICE LIST:** Genebre will inform the customers about any change in the price list, using some usual communication way (web, e-mail or post).

**PRODUCTS WITHDRAWAL FROM CATALOGUE:** Genebre S.A. will inform the customers about any product withdrawal from the catalogue.

**TECHNICAL SPECIFICATIONS:** Genebres's catalogue holds all the technical requirements and applicable norms about the products.

**SHIPMENT:** Goods are shipped under the purchaser's own risk, even in special cases.

**DELIVERY:** Orders will always be shipped according to full boxes, as specified in the catalogue.

**CLAIMS:** Eventual claims must be done within 15 days after date of reception of the goods by the purchaser. Claims after such period will not be considered. NO devolution will be accepted without the previous approval from our Sales Department, who will issue a devolution certificate that must be enclosed in the devolution goods. All devolutions' freight will be paid by the purchaser. Additionally, an unworthiness debit of 10% of the products' value will be charged, except for the automatic valves that are a 30%.

**GUARANTEE:** It is limited to defective pieces replacement identified by Genebre's Quality Department. We will not accept any return after 15 days from the date of reception by the purchaser.

**PROPERTY OF THE GOODS:** Genebre has the property right of the supplied goods, until the purchaser has totally paid its value. In the meantime, it will be considered as deposit and custody. Goods shall be claimed in case of breach of payment terms.

**DISPUTES:** In case of disputes, both parties agree to solve discrepancies in the Barcelona Court of Justice.



**GENEBRE GROUP**

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