

GENEBRE



be water, be Genebre

2014

INDUSTRIAL LINE



LÍNEA INDUSTRIAL



Be water, be Genebre

GENEBRE

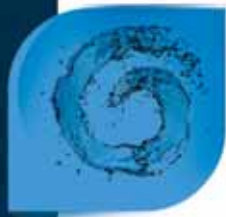
EL AGUA ES LA ESENCIA DE LA VIDA

El agua es un bien fundamental para la vida y el planeta, pero también un recurso escaso y limitado cuyo consumo va en aumento. Estamos acostumbrados a verla correr y, hasta hace poco, se creía inagotable. Sin embargo, hoy sabemos que la mayor parte del agua de la Tierra es salada o se encuentra en forma de casquetes polares o glaciares, y solo una pequeña parte es útil para los procesos vitales del planeta. De modo que para su conservación en el futuro se necesita una actitud responsable diaria y una mayor conciencia ambiental de cada uno de nosotros. Podemos soñar con un futuro más sostenible, pero para que este sueño se haga realidad debemos empezar desde el presente. Desde hoy.

WATER IS THE ESSENCE OF LIFE

Water is an essential resource for life and for the planet. At the same time, water is also scarce and limited. In our minds, water is always running, and until recently, it was thought to be in endless supply. However, its usage is increasing. Today we know that most of the water on Earth is salt water, or is found in the form of glaciers or ice caps, and only a small part is usable for the planet's vital processes. Therefore, to conserve water for the future, each and every one of us needs to have a responsible attitude towards it, as well as greater environmental awareness. We can dream about a more sustainable future, but in order to make this dream a reality, we have to start now. Starting today.





LA CALIDAD ES NUESTRA
MÁXIMA PRIORIDAD

QUALITY, OUR HIGHEST
PRIORITY



CE 0035



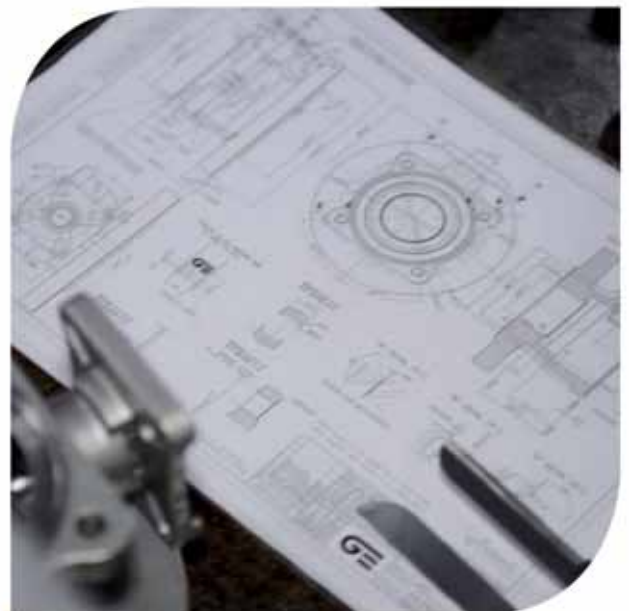
Test de calidad del agua
para valvulería y grifería
*Water quality test for valves
and taps*



Nº AT/2002-02-1182
Homologación TIN Polonia



POCC ES A1077 B01804
Homologación Ghost Rusia



GENEBRE

NUESTRA CALIDAD Y UNA FILOSOFÍA CENTRADA EN LA INNOVACIÓN NOS HAN ABIERTO LAS PUERTAS EN TODO EL MUNDO

Genebre es una empresa familiar fundada en 1981 líder en válvulas para el control de fluidos y grifería de alta calidad. Controla todos los procesos de creación para dar respuesta a las necesidades de los clientes en cada mercado, desde el concepto y el diseño del producto, a la producción y la comercialización.

La sede central está situada en Barcelona. Cuenta con una plantilla de 185 profesionales, un catálogo de más de 15.000 artículos y una red de agentes comerciales distribuidos por toda España, además de Europa y Sudamérica, entre otros.

La gran expansión internacional de la compañía, que actualmente ya representa el 70% de la facturación del Grupo, la ha consolidado como un referente mundial dentro del sector del control de fluidos. Una filosofía de crecimiento que hoy en día se confirma con más de cincuenta centros productivos en los que intervienen más de 10.000 personas; filiales en Argentina, Brasil, México, Uruguay y China, y una exportación que alcanza los 110 países.

Asimismo, firme en su voluntad de garantizar la calidad y las buenas prácticas en todos los procesos de producción y organización, Genebre trabaja aplicando las normas más estrictas:

- **Modelo Europeo de Excelencia Empresarial (EFQM)**. de la European Foundation for Quality Management
- **ISO 9001**. Sistema de Gestión de Calidad.
- **ISO 14001**. Sistema de Gestión Ambiental (SGA).
- **UNE 166.002:2006**. Sistema de Gestión del I+D+i.
- **Homologación CE**. Los productos Genebre están homologados CE y otras específicas para ciertos mercados como Bielorrusia, Chile, Polonia, Rusia, Ucrania.

OUR QUALITY AND INNOVATION-CENTERED PHILOSOPHY HAVE OPENED DOORS FOR US WORLDWIDE

Genebre is a family company founded in 1981, and is a leader in valves for fluid control and high quality taps. The company controls all the creation processes to respond to the needs of the clients in each market, from the concept and design of the product, to the production and the commercialization.

The central headquarters are located in Barcelona with a highly qualified team of 185 professionals, a catalogue of more than 15,000 products, and a network of commercial agents distributed throughout Spain, in addition to Europe and South America, among others.

The company's important international expansion, which currently represents approximately 70% of the Group's turnover, has established it as a world reference in the fluid control sector. Genebre has a growth philosophy which is currently confirmed with more than fifty production plants, and more than 10,000 people involved in these processes. It has subsidiaries in Argentina, Brazil, Mexico, Uruguay and China, and its exports, which are in continual expansion, reach 110 countries.

Genebre carries out its activities applying the strictest regulations, at the same time with a solid desire to guarantee quality and good practices in all of the production and organizational processes:

- **The European Business Excellence Model (EFQM)** from The European Foundation for Quality Management
- **ISO 9001**. Quality Control System
- **ISO 14001**. Environmental Management System (SGA)
- **UNE 166.002:2006**. R+D+i Management System
- **EC Certification**. Genebre products are EC certified and other specific certifications for markets such as Belorussia, Chile, Poland, Russia, and Ukraine.



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8.30 h. - 13.30 h. / 15.00 h. - 18.00 h.

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GENEBRE



PROMOVIENDO LA SENSIBILIDAD Y EL RESPETO POR EL MEDIOAMBIENTE

Genebre es una compañía comprometida con el medioambiente. Su visión de un futuro sostenible y una filosofía enfocada a proteger el agua y los fluidos le permiten mejorar, investigar, desarrollar y crear conceptos innovadores a partir de las tecnologías más punteras. De manera que aplica siempre criterios que transmitan valores ecológicos en todos sus productos y a la vez que satisfagan las necesidades de funcionalidad, confort y diseño de los usuarios.

Actualmente, **Genebre** está colaborando en el programa de I+D NUESVAL. Un estudio coordinado por el Centro Tecnológico de Manresa cuyo objetivo es desarrollar nuevas aleaciones de latón para válvulas de conducción de fluidos en condiciones ambientales de alta temperatura. Un modelo de proyecto basado en la innovación, en el que **Genebre** ha depositado su compromiso empresarial, con el fin de desarrollar tipos específicos de válvulas destinadas tanto a instalaciones domésticas como industriales.

PROMOTING RESPECT FOR THE ENVIRONMENT

***Genebre** is a company committed to the environment. Its vision of a sustainable future and a philosophy focused on protecting water and fluids allow it to improve, research, develop and create innovative concepts using the most advanced technologies. Genebre always applies the same criteria which transmits ecological values in all of its products, and at the same time satisfies the users' needs of functionality, comfort, and design.*

*Currently, **Genebre** is collaborating in the NUESVAL R+D program, a study coordinated by the Centro Tecnológico de Manresa, whose objective is to develop new brass and bronze alloy for valves. It is a project model based on innovation, in which Genebre reinforces its commitment to developing specific types of valves for domestic as well as industrial installations.*



VÁLVULAS INDUSTRIALES INDUSTRIAL VALVES

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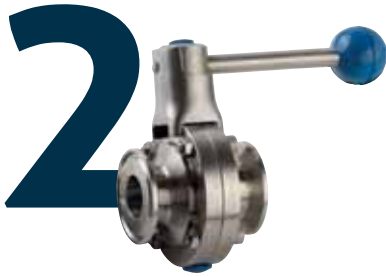
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| Actuador neumático GNP simple efecto / <i>GNP air spring return pneumatics actuators</i> |
| Actuador neumático GNP doble efecto / <i>GNP air double acting pneumatics actuators</i> |
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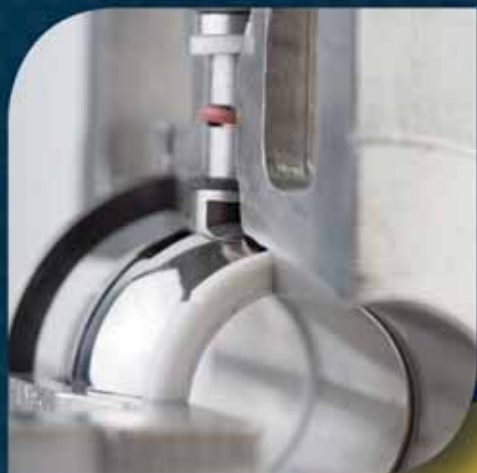
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| 5519 | 75 | 5919 | 95 | 8046 | 115 | 8404D | 109 |
| 5525 | 69 | 5940 | 55 | 8047 | 116 | 8404N | 109 |
| 5526A | 70 | 5940 | 57 | 8048 | 116 | 8404ND | 109 |
| 5528 | 71 | 5941E | 55 | 8050 | 116 | 8405 | 109 |
| 5528A | 72 | 5941E | 57 | 8063 | 116 | 8405D | 110 |
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| 5541 | 68 | 5943E | 56 | 8066 | 117 | 8406 | 110 |
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| 5608 | 98 | 5944 | 60 | 8069 | 117 | 8406N | 110 |
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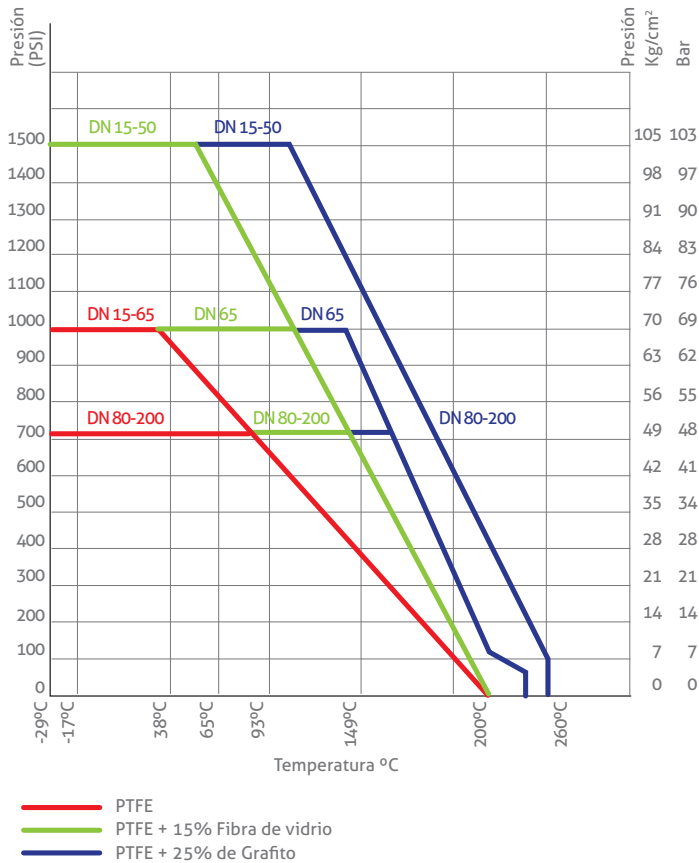
VÁLVULAS INDUSTRIALES INDUSTRIAL VALVES

Selección completa de válvulas y accesorios para el control de fluidos, en sus diferentes tipologías y de diferentes materiales como acero inoxidable, acero al carbono, ...

A complete selection of valves and accessories for fluid control, using various materials such as stainless steel, carbon steel, etc.



GRÁFICO DE RELACIÓN PRESIÓN - TEMPERATURA GRAPHIC OF PRESSURE-TEMPERATURE RELATION



FACTORES DE CONVERSIÓN CONVERSION FACTORS

| PRESIÓN | | | |
|----------------------|----------------------|---------|----------|
| | Kg / cm ² | PSI | Bar |
| Kg / cm ² | 1 | 14,22 | 0,980665 |
| PSI | 0,070307 | 1 | 0,06895 |
| Bar | 1,0197 | 14,5038 | 1 |

| TEMPERATURA | | |
|-------------|---------------|---------------|
| | °C | °F |
| °C | 1 | 32+(1.8 x °C) |
| °F | °F - 32 / 1.8 | 1 |

EXPRESIÓN DE LA PÉRDIDA DE CARGA LOST CHARGUE EXPRESSION

$$Q = K_v \sqrt{\frac{\Delta p}{\rho}}$$

Q = Caudal circulante en (m³/h)
Medium flow

Kv = Coeficiente de caudal o de forma de cada válvula
Valve flow coefficient or Form coefficient

Δp = Pérdida de carga en (bar)
Head losses

ρ = Masa específica en (Kg/m³)
Medium density

CÁLCULO DE LA VELOCIDAD THE CALCULATION OF THE SPEED

$$V = 353,7 \frac{Q}{D^2}$$

V = Velocidad de circulación en (m/s)
Circulation speed in (m/s)

Q = Caudal en (m³/h)
Flow in (m³/h)

D = Diámetro de paso en (mm)
Diameter in (mm)

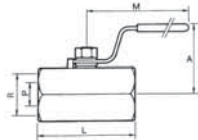
Ref. 2001



Válvula esfera paso reducido 1 pieza
 Const.: AISI 316 pulido. FV. Asientos PTFE+FV Extremos:
 Rosca gas DIN 2999. PN-63 Temp. -25°C + 180°C
 Mando manual por palanca.

1 pc reduced bore ball valve
 Constr.: polished AISI 316 Seats PTFE+GF Gas threaded
 Ends DIN 2999. PN-63 Temp. -25°C + 180°C.
 Manually operated by handle.

| MED. | P | A | L | M |
|------|---|----|----|----|
| 1/4" | 5 | 31 | 40 | 65 |
| 3/8" | 7 | 36 | 45 | 85 |
| 1/2" | 9 | 41 | 57 | 95 |



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

| | | | | |
|---------|------|-------|--------|-------|
| 2001 02 | 1/4" | 0,070 | 40-320 | 15,38 |
| 2001 03 | 3/8" | 0,108 | 20-160 | 15,32 |
| 2001 04 | 1/2" | 0,166 | 15-120 | 18,54 |

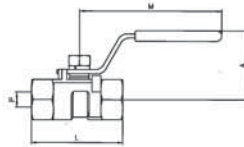
Ref. 2002 - 2004



Válvula esfera paso reducido 1 pieza
Art. 2002 rosca NPT ANSI b2.1
Art. 2004 rosca gas DIN 2999
 Const. acero inox CF8M (316) Microfusión. Asientos:
 PTFE + FV PN.63 temp. -25°C + 180°C. Mando manual
 por palanca.

1 pc reduced bore ball valve
Art.2002. NPT ANSI b2.1 thread
Art.2004. gas DIN 2999 thread
 Const. stainless steel CF8M (316). Investment. Casting.
 Seats: PTFE + GF PN-63 temp. -25°C + 180°C.
 Manually operated by handle.

| MED. | P | A | L | M |
|--------|------|----|----|-----|
| 1/4" | 4,6 | 32 | 39 | 60 |
| 3/8" | 6,8 | 36 | 44 | 80 |
| 1/2" | 9,2 | 42 | 56 | 87 |
| 3/4" | 12,5 | 45 | 59 | 87 |
| 1" | 15 | 50 | 69 | 105 |
| 1 1/4" | 20 | 54 | 77 | 105 |
| 1 1/2" | 25 | 70 | 81 | 125 |
| 2" | 32 | 78 | 97 | 140 |



| | | | | |
|---------|--------|-------|--------|-------|
| 2002 02 | 1/4" | 0,065 | 40-320 | 10,18 |
| 2002 03 | 3/8" | 0,102 | 20-160 | 10,21 |
| 2002 04 | 1/2" | 0,165 | 15-120 | 12,14 |
| 2002 05 | 3/4" | 0,262 | 10-80 | 15,06 |
| 2002 06 | 1" | 0,415 | 5-40 | 19,61 |
| 2002 07 | 1 1/4" | 0,750 | 4-32 | 28,21 |
| 2002 08 | 1 1/2" | 0,820 | 4-32 | 35,84 |
| 2002 09 | 2" | 1,308 | 1-8 | 51,68 |

| | | | | |
|---------|------|-------|--------|-------|
| 2004 02 | 1/4" | 0,065 | 40-320 | 9,72 |
| 2004 03 | 3/8" | 0,102 | 20-160 | 9,79 |
| 2004 04 | 1/2" | 0,165 | 15-120 | 11,57 |
| 2004 05 | 3/4" | 0,262 | 10-80 | 14,38 |
| 2004 06 | 1" | 0,415 | 5-40 | 18,67 |

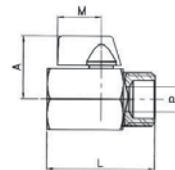
Ref. 2005



Válvula esfera paso reducido 1 pieza M-H
 Const: AISI 316 pulido - asientos PTFE + FV
 Extremos rosca gas M - H DIN 2999. PN-63.
 Temp. -25°C + 180°C. Mando manual.

1 pc reduced bore ball valve M-F
 Const. polished stainless steel AISI 316. M-F gas
 threaded ends. DIN 2999 PN-63. Seats: PTFE+GF.
 Temp. -25°C + 180°C manually operated.

| MED. | P | A | L | M |
|------|----|----|----|----|
| 1/4" | 8 | 26 | 40 | 22 |
| 3/8" | 8 | 26 | 40 | 22 |
| 1/2" | 10 | 28 | 46 | 22 |
| 3/4" | 12 | 34 | 54 | 22 |
| 1" | 15 | 34 | 65 | 22 |



| | | | | |
|---------|------|-------|--------|-------|
| 2005 02 | 1/4" | 0,083 | 20-240 | 12,31 |
| 2005 03 | 3/8" | 0,082 | 20-240 | 13,31 |
| 2005 04 | 1/2" | 0,116 | 20-240 | 15,07 |
| 2005 05 | 3/4" | 0,193 | 15-180 | 18,49 |
| 2005 06 | 1" | 0,280 | 6-72 | 27,39 |

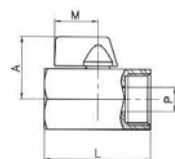
Ref. 2006



Válvula esfera paso reducido 1 pieza H-H
 Const: AISI 316 pulido - Asientos PTFE + FV
 Extremos rosca gas DIN 2999.
 PN-63. Temp. -25°C + 180°C. Mando manual.

1 pc reduced bore ball valve F-F
 Const. polished stainless steel AISI 316.
 Seats: PTFE+GF F-F gas DIN 2999 threaded ends.
 Temp. -25°C + 180°C. Manually operated.

| MED. | P | A | L | M |
|------|----|----|----|----|
| 1/4" | 8 | 26 | 42 | 22 |
| 3/8" | 8 | 26 | 42 | 22 |
| 1/2" | 10 | 28 | 46 | 22 |
| 3/4" | 12 | 34 | 54 | 22 |
| 1" | 15 | 34 | 65 | 22 |



| | | | | |
|---------|------|-------|--------|-------|
| 2006 02 | 1/4" | 0,104 | 20-240 | 11,83 |
| 2006 03 | 3/8" | 0,092 | 20-240 | 12,79 |
| 2006 04 | 1/2" | 0,125 | 20-240 | 14,06 |
| 2006 05 | 3/4" | 0,211 | 15-180 | 17,80 |
| 2006 06 | 1" | 0,300 | 8-96 | 24,34 |

Ref. 2007 - 2007N

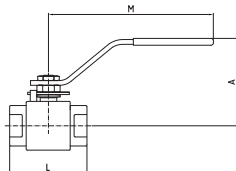


NOVEDAD
NEW

Válvula de esfera paso total Alta Presión
Rosca BSP, también disponible con rosca NPT (2007N).
Const.: acero al carbono ASTM A105.
Esfera y eje inoxidable 304. Asientos PEEK.
Serie 1500 (255 bar) – Temp. -30°C +250°C.

High Pressure full bore ball valve
BSP thread, also available with NPT thread (2007N)
Const. carbon steel ASTM A105.
Ball and stem: stainless steel 304. Seats: PEEK.
Class 1500 (255 bar)- Temp. -30°C +250°C.

| MED. | A | M | L |
|------|----|-----|-----|
| 1/4" | 70 | 155 | 65 |
| 3/8" | 70 | 155 | 65 |
| 1/2" | 74 | 155 | 76 |
| 3/4" | 87 | 180 | 91 |
| 1" | 92 | 180 | 100 |



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

| | | | | |
|---------|------|-------|---|--------|
| 2007 02 | 1/4" | 0,500 | - | 53,27 |
| 2007 03 | 3/8" | 0,500 | - | 53,27 |
| 2007 04 | 1/2" | 0,750 | - | 63,64 |
| 2007 05 | 3/4" | 1,250 | - | 90,26 |
| 2007 06 | 1" | 1,800 | - | 118,24 |

Precios rosca NPT a consultar / NPT thread prices on request

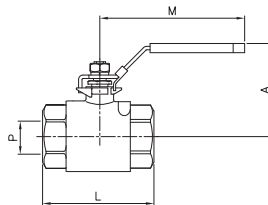
Ref. 2008



Válvula esfera paso standard 2 piezas
Const.: acero inox. CF8M (316) microfusión. Juntas y asientos: PTFE+FV extremos: rosca gas DIN 2999.
PN - 140 temp. -25°C + 180°C. Mando manual por palanca con sistema de bloqueo.

2 pcs standard bore ball valve
Const: stainless steel CF8M (316). Investment casting.
Seats and seals: PTFE +GF ends: gas threaded ends DIN 2999. PN140. Temp -25°C +180°C. Manually operated by handle with locking system.

| MED. | P | A | L | M |
|--------|------|----|------|-----|
| 1/4" | 9,5 | 42 | 54 | 105 |
| 3/8" | 9,5 | 42 | 54 | 105 |
| 1/2" | 13 | 46 | 61,5 | 105 |
| 3/4" | 17,5 | 53 | 72 | 147 |
| 1" | 22 | 58 | 84,5 | 147 |
| 1 1/4" | 25,4 | 68 | 92 | 193 |
| 1 1/2" | 31,7 | 72 | 103 | 193 |
| 2" | 38,1 | 78 | 118 | 193 |



| | | | | |
|---------|--------|-------|-------|-------|
| 2008 02 | 1/4" | 0,240 | 12-72 | 20,98 |
| 2008 03 | 3/8" | 0,220 | 12-72 | 20,98 |
| 2008 04 | 1/2" | 0,320 | 12-72 | 21,86 |
| 2008 05 | 3/4" | 0,600 | 5-30 | 32,33 |
| 2008 06 | 1" | 0,890 | 5-30 | 45,36 |
| 2008 07 | 1 1/4" | 1,210 | 2-12 | 48,78 |
| 2008 08 | 1 1/2" | 1,750 | 6-12 | 67,14 |
| 2008 09 | 2" | 2,680 | 4-8 | 99,43 |

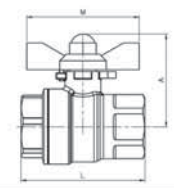
Ref. 2009



Válvula esfera paso total 2 piezas
Const.: acero inox. CF8M (316) microfusión.
Extremos H-H rosca gas DIN 2999. Asientos PTFE + 15% FV tórica eje viton. PN 63. Temp. -25°C + 180°C.
Mando manual por palomilla.

2 pcs full bore ball valve
Const: stainless steel CF8M (316). Investment casting.
Gas threaded F-F DIN 2999. Seats: PTFE + 15% GF. O'ring stem: viton. PN 63. Temp. -25°C. +180°C. Butterfly handle.

| MED. | A | L | M |
|------|----|----|----|
| 1/4" | 32 | 45 | 50 |
| 3/8" | 32 | 45 | 50 |
| 1/2" | 41 | 55 | 50 |



| | | | | |
|---------|------|-------|--------|-------|
| 2009 02 | 1/4" | 0,192 | 15-180 | 13,81 |
| 2009 03 | 3/8" | 0,180 | 15-180 | 13,81 |
| 2009 04 | 1/2" | 0,222 | 10-120 | 15,01 |

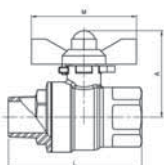
Ref. 2010



Válvula esfera paso total 2 piezas
Const.: acero inox. CF8M (316) microfusión.
Extremos M-H rosca gas DIN 2999. Asientos PTFE + 15% FV tórica eje vitón. PN 63. Temp. -25°C. + 180°C.
Mando manual por palomilla.

2 pcs full bore ball valve
Const: stainless steel CF8M (316). Investment casting.
Gas threaded M-F DIN 2999. Seats: PTFE + 15% GF O'ring stem: viton. PN 63. Temp. -25°C. +180°C. Butterfly handle.

| MED. | A | L | M |
|------|----|----|----|
| 1/4" | 32 | 56 | 50 |
| 3/8" | 32 | 56 | 50 |
| 1/2" | 41 | 63 | 50 |



| | | | | |
|---------|------|-------|--------|-------|
| 2010 02 | 1/4" | 0,200 | 10-120 | 14,67 |
| 2010 03 | 3/8" | 0,183 | 10-120 | 14,67 |
| 2010 04 | 1/2" | 0,224 | 8-96 | 16,06 |

Ref. 2011

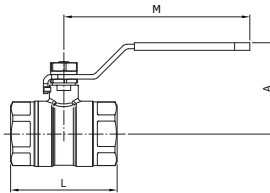


NOVEDAD
NEW

Válvula Esfera paso total 2 piezas
Const.: acero inox. CF8 (304) microfusión.
Extremos: rosca gas DIN 2999.
Asientos: PTFE + 15% FV. Tórica eje Viton.
PN 40, Temp: -25°C +180°C
Mando manual por palanca con sistema de bloqueo (NC).

2 pcs full bore ball valve
Const. stainless steel CF8 (304) investment casting.
Gas threaded ends DIN 2999.
Seats: PTFE + 15% GF. O'ring Stem: viton.
PN 40. Temp: -25°C +180°C.
Manually operated by handle with locking system (NC).

| MED. | A | L | M |
|------|----|----|-----|
| 1/2" | 50 | 48 | 104 |
| 3/4" | 60 | 59 | 122 |
| 1" | 63 | 70 | 122 |



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

| | | | | |
|---------|------|-------|---|-------|
| 2011 04 | 1/2" | 0,163 | - | 9,97 |
| 2011 05 | 3/4" | 0,305 | - | 13,73 |
| 2011 06 | 1" | 0,44 | - | 18,63 |

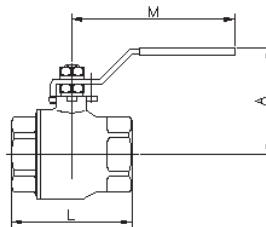
Ref. 2014 - 2014N



Válvula esfera paso total 2 piezas
Rosca BSP, también disponible con rosca NPT (2014N)
Const. acero inox. CF8M (316) microfusión. Extremos:
rosca gas DIN 2999. Juntas y asiento: PTFE + 15% FV
tórica eje vitón PN 63, Temp: -25°C + 180°C. Mando
manual por palanca con sistema de bloqueo.

2 pcs full bore ball valve (2014NPT thread)
BSP thread, also available with NPT thread (2014N)
Const. stainless steel. CF8M (316) investment casting. Gas
threaded ends DIN 2999. Seats and seals: PTFE + 15% GF
o'ring stem: viton. PN 63. Temp. -25°C +180°C.
Manually operated by handle with locking system.

| MED. | A | M | L |
|--------|------|-----|-----|
| 1/4" | 50 | 104 | 50 |
| 3/8" | 50 | 104 | 50 |
| 1/2" | 51,5 | 104 | 55 |
| 3/4" | 62 | 122 | 70 |
| 1" | 65 | 122 | 83 |
| 1 1/4" | 82 | 180 | 91 |
| 1 1/2" | 88 | 180 | 103 |
| 2" | 106 | 219 | 120 |
| 2 1/2" | 119 | 230 | 152 |
| 3" | 135 | 275 | 172 |



| | | | | |
|---------|--------|-------|--------|--------|
| 2014 02 | 1/4" | 0,207 | 12-144 | 14,48 |
| 2014 03 | 3/8" | 0,195 | 12-144 | 14,48 |
| 2014 04 | 1/2" | 0,237 | 10-120 | 15,61 |
| 2014 05 | 3/4" | 0,442 | 6-72 | 20,75 |
| 2014 06 | 1" | 0,606 | 4-48 | 27,81 |
| 2014 07 | 1 1/4" | 1,084 | 8-16 | 40,59 |
| 2014 08 | 1 1/2" | 1,544 | 6-12 | 64,73 |
| 2014 09 | 2" | 2,648 | 3-6 | 92,32 |
| 2014 10 | 2 1/2" | 4,707 | 2-4 | 181,95 |
| 2014 11 | 3" | 7,288 | 1-2 | 287,79 |

Precios rosca NPT a consultar / NPT thread prices on request

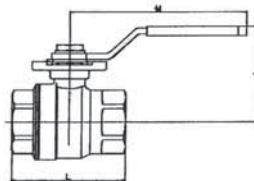
Ref. 2015



Válvula esfera paso total 2 piezas
Const.: AISI 316 - juntas y asientos PTFE+FV extremos:
rosca gas DIN - 2999 tórica eje: vitón. PN-63
Temp. -25°C + 180°C. Mando manual por palanca. Montaje
directo s/ISO 5211 con sistema de bloqueo.

2 pcs full bore ball valve
Const. AISI 316 seats and seals PTFE + GF gas threaded
ends DIN 2999. O'ring stem: viton. PN-63.
Temp. -25°C+180°C. Manually operated by handle.
Direct assembling ISO 5211 with locking system.

| MED. | A | M | L | ISO 5211 |
|--------|-----|-----|-----|-----------|
| 1/4" | 62 | 112 | 50 | F-03 |
| 3/8" | 62 | 112 | 50 | F-03 |
| 1/2" | 63 | 112 | 55 | F-04 |
| 3/4" | 70 | 138 | 70 | F-04/F-05 |
| 1" | 70 | 160 | 83 | F-04/F-05 |
| 1 1/4" | 88 | 160 | 91 | F-05/F-07 |
| 1 1/2" | 94 | 205 | 103 | F-05/F-07 |
| 2" | 100 | 205 | 120 | F-05/F-07 |



| | | | | |
|---------|--------|-------|------|--------|
| 2015 02 | 1/4" | 0,296 | 8-96 | 18,40 |
| 2015 03 | 3/8" | 0,296 | 8-96 | 18,40 |
| 2015 04 | 1/2" | 0,350 | 6-72 | 19,51 |
| 2015 05 | 3/4" | 0,560 | 3-36 | 29,59 |
| 2015 06 | 1" | 0,780 | 2-24 | 37,49 |
| 2015 07 | 1 1/4" | 1,355 | 8-16 | 54,01 |
| 2015 08 | 1 1/2" | 1,906 | 6-12 | 69,98 |
| 2015 09 | 2" | 2,830 | 1-6 | 108,54 |

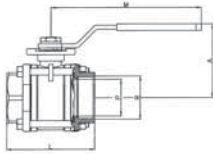
Ref. 2025 - 2025N



Válvula esfera paso total 3 piezas
Rosca BSP, también disponible con rosca NPT (2025N)
Const.: acero inox. CF8M (316) microfusión rosca gas DIN 2999. Juntas y asientos PTFE+15% FV tórica eje: vitón. PN - 63. Temp. -25°C + 180°C. Montaje directo s/ISO 5211 con sistema de bloqueo.

3 pcs full bore ball valve (2025n npt thread)
BSP thread, also available with NPT thread (2025N)
Const.: stainless steel CF8M (316) investment casting gas thread DIN 2999. Seats and seats: PTFE +15% GF o'ring stem: viton PN-63. Temp. -25°C +180°C. Direct assembling ISO 5211 with locking system.

| MED. | P | L | A | M | ISO 5211 |
|--------|------|------|-----|-----|-------------|
| 1/4" | 11 | 47,6 | 60 | 112 | F-03 |
| 3/8" | 12,7 | 47,6 | 60 | 112 | F-03 |
| 1/2" | 15 | 56 | 60 | 112 | F-03/ F-04 |
| 3/4" | 20 | 73 | 70 | 138 | F-04/F-05 |
| 1" | 25 | 82 | 70 | 138 | F-04/F-05 |
| 1 1/4" | 32 | 91 | 88 | 160 | F-05/ F-07 |
| 1 1/2" | 40 | 104 | 94 | 205 | F-05/ F-07 |
| 2" | 50 | 120 | 100 | 205 | F-05/ F-07 |
| 2 1/2" | 65 | 155 | 150 | 330 | F- 07/ F-10 |
| 3" | 80 | 182 | 165 | 330 | F- 07/ F-10 |
| 4" | 100 | 220 | 175 | 340 | F- 07/ F-10 |



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

| | | | | |
|---------|--------|--------|------|--------|
| 2025 02 | 1/4" | 0,390 | 8-96 | 18,48 |
| 2025 03 | 3/8" | 0,380 | 8-96 | 18,48 |
| 2025 04 | 1/2" | 0,440 | 6-72 | 20,47 |
| 2025 05 | 3/4" | 0,820 | 3-36 | 32,07 |
| 2025 06 | 1" | 1,020 | 2-24 | 38,96 |
| 2025 07 | 1 1/4" | 1,790 | 8-16 | 60,19 |
| 2025 08 | 1 1/2" | 2,460 | 4-8 | 80,41 |
| 2025 09 | 2" | 3,470 | 2-4 | 113,39 |
| 2025 10 | 2 1/2" | 8,500 | 1-2 | 283,82 |
| 2025 11 | 3" | 12,400 | 1-2 | 395,91 |
| 2025 12 | 4" | 19,650 | 1-1 | 670,39 |

Precios rosca NPT a consultar / NPT thread prices on request

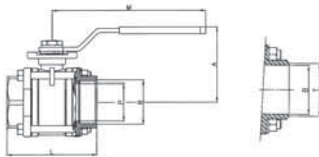
Ref. 2026



Válvula esfera paso total 3 piezas. Butt weld ANSI B 16.25
Const.: acero inox. CF8M (316) microfusión.
Juntas y asientos PTFE+15% FV tórica eje: vitón PN-63.
Temp. -25°C + 180°C. Mando manual por palanca. Montaje directo S/ ISO 5211 con sistema de bloqueo.

3 pcs full bore ball valve. butt weld ansi b 16.25
Const.: stainless steel CF8M (316) investment casting gas thread DIN 2999. Seats and seats: PTFE +15% GF o'ring stem: viton PN-63. Temp. -25°C +180°C. Manually operated by handle. Direct assembling ISO 5211 with locking system.

| MED. | P | L | A | M | T | B | ISO 5211 |
|--------|------|------|-----|-----|------|------|-------------|
| 1/4" | 11 | 47,6 | 60 | 112 | 13 | 11 | F-03 |
| 3/8" | 12,7 | 47,6 | 60 | 112 | 14,7 | 12,7 | F-03 |
| 1/2" | 15 | 56 | 60 | 112 | 17 | 15 | F-03/ F-04 |
| 3/4" | 20 | 73 | 70 | 138 | 22 | 20 | F-04/F-05 |
| 1" | 25 | 82 | 70 | 138 | 28 | 25 | F-04/F-05 |
| 1 1/4" | 32 | 91 | 88 | 160 | 35 | 32 | F-05/ F-07 |
| 1 1/2" | 40 | 104 | 94 | 205 | 43 | 40 | F-05/ F-07 |
| 2" | 50 | 120 | 100 | 205 | 54 | 50 | F-05/ F-07 |
| 2 1/2" | 65 | 155 | 150 | 330 | 69 | 65 | F- 07/ F-10 |
| 3" | 80 | 182 | 165 | 330 | 87 | 80 | F- 07/ F-10 |
| 4" | 100 | 230 | 175 | 340 | 105 | 100 | F- 07/ F-10 |



| | | | | |
|---------|--------|--------|------|--------|
| 2026 02 | 1/4" | 0,374 | 8-96 | 18,48 |
| 2026 03 | 3/8" | 0,375 | 8-96 | 18,48 |
| 2026 04 | 1/2" | 0,440 | 6-72 | 20,51 |
| 2026 05 | 3/4" | 0,808 | 3-36 | 32,07 |
| 2026 06 | 1" | 0,994 | 2-24 | 38,96 |
| 2026 07 | 1 1/4" | 1,775 | 8-16 | 60,19 |
| 2026 08 | 1 1/2" | 2,347 | 4-8 | 80,41 |
| 2026 09 | 2" | 3,280 | 2-4 | 113,39 |
| 2026 10 | 2 1/2" | 8,550 | 1-2 | 283,82 |
| 2026 11 | 3" | 11,859 | 1-2 | 395,91 |
| 2026 12 | 4" | 20,300 | 1-1 | 670,39 |

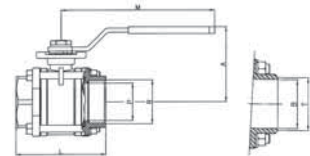
Ref. 2027



Válvula esfera paso total 3 piezas socket weld ANSI B 16.11
Const.: acero inox. CF8M (316) microfusión. Juntas y asientos PTFE+15% FV tórica eje: vitón. PN-63.
Temp.-25°C + 180°C mando manual por palanca. Montaje directo s/DIN 5211 con sistema de bloqueo.

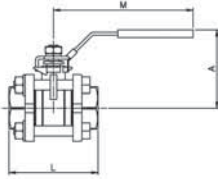
3 pcs full bore ball valve socket weld ANSI B 16.11
Const.: stainless steel CF8M (316) investment casting. Seats and seats: PTFE +15% GF o'ring stem: viton. PN-63. Temp. -25°C +180°C. Manually operated by handle. Direct assembling ISO 5211 with locking system.

| MED. | P | L | A | M | S | K | ISO 5211 |
|--------|------|------|-----|-----|-------|----|------------|
| 1/4" | 11 | 47,6 | 60 | 112 | 14,1 | 10 | F - 03 |
| 3/8" | 12,7 | 47,6 | 60 | 112 | 17,6 | 10 | F - 03 |
| 1/2" | 15 | 56 | 60 | 112 | 21,7 | 10 | F-03/ F-04 |
| 3/4" | 20 | 73 | 70 | 138 | 27,1 | 14 | F-04/F-05 |
| 1" | 25 | 82 | 70 | 138 | 33,8 | 14 | F-04/F-05 |
| 1 1/4" | 32 | 91 | 88 | 160 | 42,6 | 15 | F-05/ F-07 |
| 1 1/2" | 40 | 104 | 94 | 205 | 48,7 | 15 | F-05/ F-07 |
| 2" | 50 | 120 | 100 | 205 | 61,1 | 19 | F-05/ F-07 |
| 2 1/2" | 65 | 155 | 150 | 330 | 73,8 | 21 | F-07/ F-10 |
| 3" | 80 | 182 | 165 | 330 | 89,8 | 24 | F-07/ F-10 |
| 4" | 100 | 220 | 175 | 340 | 115,5 | 35 | F-07/ F-10 |



| | | | | |
|---------|--------|--------|------|--------|
| 2027 02 | 1/4" | 0,380 | 8-96 | 18,48 |
| 2027 03 | 3/8" | 0,387 | 8-96 | 18,48 |
| 2027 04 | 1/2" | 0,440 | 6-72 | 20,51 |
| 2027 05 | 3/4" | 0,820 | 3-36 | 32,07 |
| 2027 06 | 1" | 1,020 | 2-24 | 38,96 |
| 2027 07 | 1 1/4" | 1,780 | 8-16 | 60,19 |
| 2027 08 | 1 1/2" | 2,470 | 4-8 | 80,41 |
| 2027 09 | 2" | 3,400 | 2-4 | 113,39 |
| 2027 10 | 2 1/2" | 8,800 | 1-2 | 283,82 |
| 2027 11 | 3" | 12,350 | 1-2 | 395,91 |
| 2027 12 | 4" | 19,600 | 1-1 | 670,39 |

Ref. 2034 - 2034N



Válvula esfera paso total 3 piezas
Rosca BSP, también disponible con rosca NPT (2034N)
Const. acero al carbono "WCB" (microfusión).
Esfera y eje inoxidable 316. Rosca gas DIN 2999.
Asientos PTFE + 15% FV. 1000 wog. Temp. -25°C + 180°C.
Mando manual por palanca con sistema de bloqueo.

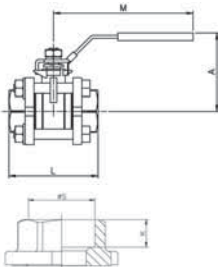
3 pcs full bore ball valve
BSP thread, also available with NPT thread (2034N)
Const. carbon steel "WCB" (investment casting).
Ball and stem: stainless steel 316. Gas thread DIN 2999.
Seats: PTFE + 15% GF. 1000 wog. Temp. -25°C + 180°C.
Manually operated by handle with locking system.

| MED. | A | L | M |
|--------|-----|-----|-----|
| 1/4" | 48 | 50 | 100 |
| 3/8" | 48 | 50 | 100 |
| 1/2" | 50 | 61 | 103 |
| 3/4" | 60 | 70 | 127 |
| 1" | 64 | 80 | 127 |
| 1 1/4" | 79 | 93 | 154 |
| 1 1/2" | 85 | 102 | 154 |
| 2" | 87 | 124 | 192 |
| 2 1/2" | 117 | 156 | 244 |
| 3" | 125 | 179 | 244 |
| 4" | 173 | 218 | 330 |

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | CAJA / BOX CARTON | P.V.P. PRICE |
|-------------|-------------|-------------|-------------------|--------------|
| 2034 02 | 1/4" | 0,290 | 12-72 | 12,26 |
| 2034 03 | 3/8" | 0,290 | 12-72 | 12,26 |
| 2034 04 | 1/2" | 0,390 | 9-54 | 15,81 |
| 2034 05 | 3/4" | 0,610 | 6-36 | 20,16 |
| 2034 06 | 1" | 0,860 | 4-24 | 25,69 |
| 2034 07 | 1 1/4" | 1,370 | 2-12 | 40,34 |
| 2034 08 | 1 1/2" | 2,040 | 4-8 | 49,46 |
| 2034 09 | 2" | 3,740 | 3-6 | 90,43 |
| 2034 10 | 2 1/2" | 6,440 | 1-4 | 167,68 |
| 2034 11 | 3" | 10,200 | 1-2 | 242,81 |
| 2034 12 | 4" | 20,490 | 1-1 | 534,02 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 2034S



Válvula esfera paso total 3 piezas socket weld ANSI B 16.11
Const. acero al carbono "WCB" (microfusión).
Esfera y eje inoxidable 316.
Asientos PTFE + 15% FV. 1000 wog. Temp. -25°C + 180°C.
Mando manual por palanca con sistema de bloqueo.

3 pcs full bore ball valve socket weld ANSI B 16.11
Const. carbon steel "WCB" (investment casting).
Ball and stem: stainless steel 316.
Seats: PTFE + 15% GF. 1000 wog. Temp. -25°C + 180°C.
Manually operated by handle with locking system.

| MED. | A | L | M | S | K |
|--------|-----|-----|-----|-------|----|
| 1/4" | 48 | 50 | 100 | 14,1 | 10 |
| 3/8" | 48 | 50 | 100 | 17,6 | 10 |
| 1/2" | 50 | 61 | 103 | 21,7 | 10 |
| 3/4" | 60 | 70 | 127 | 27,1 | 14 |
| 1" | 64 | 80 | 127 | 33,8 | 14 |
| 1 1/4" | 79 | 93 | 154 | 42,6 | 15 |
| 1 1/2" | 85 | 102 | 154 | 48,7 | 15 |
| 2" | 87 | 124 | 192 | 61,1 | 19 |
| 2 1/2" | 117 | 156 | 244 | 73,8 | 21 |
| 3" | 125 | 179 | 244 | 89,8 | 24 |
| 4" | 173 | 218 | 330 | 115,5 | 25 |

| | | | | |
|----------|--------|--------|-------|--------|
| 2034S 02 | 1/4" | 0,290 | 12-72 | 12,88 |
| 2034S 03 | 3/8" | 0,290 | 12-72 | 12,88 |
| 2034S 04 | 1/2" | 0,390 | 9-54 | 16,60 |
| 2034S 05 | 3/4" | 0,610 | 6-36 | 21,17 |
| 2034S 06 | 1" | 0,860 | 4-24 | 26,97 |
| 2034S 07 | 1 1/4" | 1,370 | 2-12 | 42,36 |
| 2034S 08 | 1 1/2" | 2,040 | 4-8 | 51,94 |
| 2034S 09 | 2" | 3,740 | 3-6 | 94,95 |
| 2034S 10 | 2 1/2" | 6,440 | 1-4 | 176,07 |
| 2034S 11 | 3" | 10,200 | 1-2 | 254,94 |
| 2034S 12 | 4" | 20,490 | 1-1 | 560,72 |

Ref. 2040 - 2041



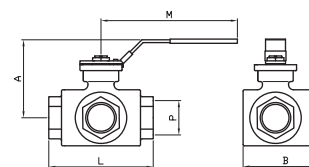
Válvula esfera 3 vías paso reducido
Art. 2040: Paso tipo L / Art. 2041: Paso tipo T
Const.: AISI 316 - Cuatro asientos PTFE+FV juntas cuerpo y eje:
PTFE tórica eje: Vitón. Extremos: Rosca gas DIN 2999.
PN 63. Temp. -25°C +180°C. Montaje directo S/ISO 5211.
Mando manual por palanca con sistema de bloqueo.

3 Ways ball valve reduced bore
Art. 2040: "L" bore / Art. 2041: "T" bore
Const.: AISI 316; Four seats PTFE + GF body and stem seats:
PTFE o'ring stem: Viton. Gas threaded ends DIN 2999. PN 63.
Temp. -25°C +180°C. Direct assembling S/ISO 5211.
Manually operated by handle with locking system.

| ART. | PASO TIPO | 1 | 2 | 3 | 4 |
|------|-----------|------------|------------|------------|------------|
| 2040 | L | 1 ⊕ 2 3 | 1 ⊕ 2 3 | 1 ⊕ 2 3 | 1 ⊕ 2 3 |
| 2041 | T | 1 ⊕ 2 3 | 1 ⊕ 2 3 | 1 ⊕ 2 3 | 1 ⊕ 2 3 |

| MED. | P | A | B | L | M |
|--------|-----|-----|-------|-----|-----|
| 1/4" | 9,5 | 66 | 57,5 | 75 | 130 |
| 3/8" | 11 | 66 | 57,5 | 75 | 130 |
| 1/2" | 12 | 66 | 57,5 | 75 | 130 |
| 3/4" | 15 | 72 | 65,5 | 85 | 161 |
| 1" | 20 | 77 | 79 | 100 | 161 |
| 1 1/4" | 25 | 92 | 97 | 122 | 203 |
| 1 1/2" | 32 | 96 | 106,5 | 131 | 203 |
| 2" | 40 | 107 | 129 | 158 | 203 |
| 2 1/2" | 49 | 135 | 145 | 178 | 254 |

| 2040/2041 | | | |
|-----------|--------|-------|--------|
| 02 | 1/4" | 0,700 | 56,10 |
| 03 | 3/8" | 0,670 | 56,10 |
| 04 | 1/2" | 0,630 | 57,51 |
| 05 | 3/4" | 0,950 | 69,43 |
| 06 | 1" | 1,400 | 95,38 |
| 07 | 1 1/4" | 2,900 | 165,02 |
| 08 | 1 1/2" | 3,600 | 202,22 |
| 09 | 2" | 6,250 | 335,01 |
| 10 | 2 1/2" | 8,950 | 643,11 |



Ref. 2035



Válvula esfera paso reducido 1 pieza
 Const. cuerpo: acero carbono DIN ST-37.
 Extremos prolongados para soldar.
 Esfera INOX. 304. Eje INOX. 303. Asientos PTFE + grafito.
 Tóricas eje viton. PN 25/40. Temp. -30°C + 200°C.
 Mando manual por palanca hasta 6". Reductor manual >6".

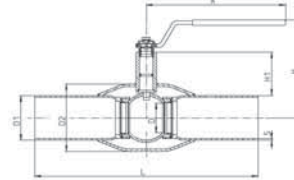
1 pc reduce bore ball valve. District heating
 Const. carbon steel DIN ST-37. Extended butt weld ends.
 Ball: SS 304. stem: ss 303. Seats: PTFE + graphite.
 O'rings stem: viton. PN 25/40. Temp. -30°C + 200°C.
 Manually operated by handle, until 6". Gear operator >6".

| DN | PN | D | D1 | D2 | S | H | H1 | A | L |
|-----|----|-----|-------|-------|-----|-----|-----|-----|-----|
| 15 | 40 | 10 | 21,3 | 38 | 2,5 | 100 | 40 | 120 | 230 |
| 20 | 40 | 15 | 26,9 | 42 | 3 | 100 | 40 | 120 | 230 |
| 25 | 40 | 20 | 33,7 | 51 | 3 | 105 | 40 | 150 | 230 |
| 32 | 40 | 25 | 42,4 | 57 | 3 | 105 | 40 | 150 | 260 |
| 40 | 40 | 32 | 48,3 | 76,1 | 3 | 125 | 59 | 190 | 260 |
| 50 | 40 | 40 | 60,3 | 88,9 | 3 | 130 | 59 | 190 | 300 |
| 65 | 25 | 50 | 76,1 | 108 | 3 | 180 | 71 | 280 | 300 |
| 80 | 25 | 65 | 88,9 | 127 | 4 | 190 | 77 | 280 | 300 |
| 100 | 25 | 80 | 114,3 | 153 | 4 | 220 | 92 | 280 | 325 |
| 125 | 25 | 100 | 139,7 | 177,8 | 4,5 | 245 | 95 | 420 | 325 |
| 150 | 25 | 125 | 168,3 | 219,1 | 6 | 265 | 103 | 550 | 350 |
| 200 | 25 | 150 | 219,1 | 273 | 6 | *** | *** | *** | 400 |
| 250 | 25 | 200 | 273 | 356,6 | 7 | *** | *** | *** | 530 |
| 300 | 25 | 250 | 323,9 | 457 | 8 | *** | *** | *** | 550 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|---------|----------|
| 2035 04 | 1/2" | 0,800 | 24,21 |
| 2035 05 | 3/4" | 1,000 | 27,14 |
| 2035 06 | 1" | 1,300 | 36,17 |
| 2035 07 | 1 1/4" | 1,600 | 44,26 |
| 2035 08 | 1 1/2" | 2,200 | 63,15 |
| 2035 09 | 2" | 3,000 | 71,32 |
| 2035 10 | 2 1/2" | 4,800 | 108,87 |
| 2035 11 | 3" | 6,700 | 145,14 |
| 2035 12 | 4" | 9,900 | 207,28 |
| 2035 13 | 5" | 14,500 | 329,98 |
| 2035 14 | 6" | 23,500 | 459,00 |
| 2035 16 | 8" | 56,000 | 964,98 |
| 2035 18 | 10" | 100,000 | 1.955,41 |
| 2035 20 | 12" | 152,000 | 2.861,57 |



Ref. 2036

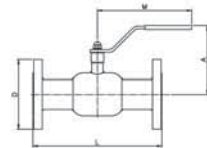


Válvula esfera paso reducido 1 pieza. Extremos bridados DIN
 PN 40/16 (según medida). Const. acero carbono DIN ST-37.
 Esfera INOX. 304. Eje INOX. 303. Asientos PTFE + grafito.
 Tóricas eje viton. Temp. -30°C + 200°C.
 Mando manual por palanca hasta 6". Reductor manual >6".
 Distancia entre bridas según DIN 3202.

1 pcs reduce bore ball valve. DIN flanged ends
 PN 40/16 (depending on the size). Const. carbon steel DIN ST-37.
 Ball: SS 304. Stem: SS 303. Seats: PTFE + graphite.
 O'rings stem: viton. Temp. -30°C + 200°C.
 Manually operated by handle until 6". Gear operator >6".
 Face to face according to: DIN 3202.

| DN | PN | D | L | A | M |
|-----|----|-----|-----|-----|-----|
| 15 | 40 | 95 | 130 | 100 | 120 |
| 20 | 40 | 105 | 150 | 100 | 120 |
| 25 | 40 | 115 | 160 | 105 | 160 |
| 32 | 40 | 140 | 180 | 105 | 160 |
| 40 | 40 | 150 | 200 | 125 | 190 |
| 50 | 40 | 165 | 230 | 130 | 190 |
| 65 | 16 | 185 | 270 | 180 | 280 |
| 80 | 16 | 200 | 280 | 190 | 280 |
| 100 | 16 | 220 | 300 | 220 | 280 |
| 125 | 16 | 250 | 325 | 245 | 420 |
| 150 | 16 | 285 | 350 | 265 | 420 |
| 200 | 16 | 340 | 400 | *** | *** |
| 250 | 16 | 405 | 530 | *** | *** |
| 300 | 16 | 460 | 630 | *** | *** |

| | | | |
|---------|--------|---------|----------|
| 2036 04 | 1/2" | 1,800 | 40,21 |
| 2036 05 | 3/4" | 2,400 | 47,86 |
| 2036 06 | 1" | 2,900 | 59,06 |
| 2036 07 | 1 1/4" | 4,700 | 89,59 |
| 2036 08 | 1 1/2" | 5,400 | 114,40 |
| 2036 09 | 2" | 7,200 | 137,47 |
| 2036 10 | 2 1/2" | 9,700 | 206,96 |
| 2036 11 | 3" | 11,500 | 267,31 |
| 2036 12 | 4" | 16,800 | 401,34 |
| 2036 13 | 5" | 23,600 | 470,88 |
| 2036 14 | 6" | 32,000 | 653,81 |
| 2036 16 | 8" | 58,000 | 1.440,96 |
| 2036 18 | 10" | 99,000 | 2.677,02 |
| 2036 20 | 12" | 138,000 | 3.916,93 |



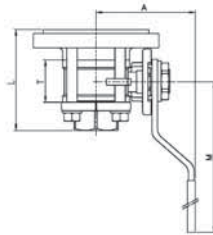
Ref. 2052



Válvula esfera paso total fondo de cubas
 Const. acero inox. CF8M (316) y 316l (fondo de cubas).
 Extremo rosca gas DIN 2999 y fondo de cubas.
 Asientos PTFE + 15% FV. Tórica eje vitón.
 PN 63. Temp. -25°C + 180°C. Montaje directo S/ISO 5211.
 Mando manual por palanca con sistema de bloqueo.

Tank bottom full bore ball valve
 Const. stainless steel CF8M (316) and 316l (tank bottom).
 Ends: gas thread DIN 2999 and tank bottom.
 Seats: PTFE + 15% FV. O'ring stem: viton. PN 63.
 Temp. -25°C + 180°C. Direct assembling ISO 5211.
 Manually operated by handle with locking system.

| MED. | A | L | M | T |
|--------|-----|-------|-----|-------|
| 1/2" | 60 | 65,5 | 112 | 24 |
| 3/4" | 70 | 76,2 | 138 | 30 |
| 1" | 70 | 83,3 | 138 | 33,5 |
| 1 1/4" | 88 | 91,3 | 160 | 41,5 |
| 1 1/2" | 94 | 103,3 | 205 | 51,5 |
| 2" | 100 | 116,5 | 205 | 63 |
| 2 1/2" | 150 | 147,3 | 330 | 83,5 |
| 3" | 165 | 169 | 330 | 100 |
| 4" | 175 | 198 | 340 | 118,5 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2052 04 | 1/2" | 0,720 | 176,33 |
| 2052 05 | 3/4" | 1,165 | 206,87 |
| 2052 06 | 1" | 1,500 | 241,74 |
| 2052 07 | 1 1/4" | 2,530 | 391,43 |
| 2052 08 | 1 1/2" | 3,360 | 410,54 |
| 2052 09 | 2" | 4,630 | 538,54 |
| 2052 10 | 2 1/2" | 10,285 | 842,49 |
| 2052 11 | 3" | 13,480 | 1.066,46 |
| 2052 12 | 4" | 21,830 | 1.503,46 |

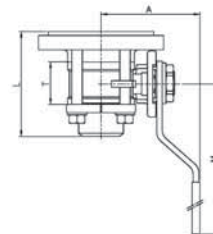
Ref. 2053



Válvula esfera paso total fondo de cubas
 Const. acero inox. CF8M (316) y 316l (fondo de cubas).
 Extremo butt weld ANSI B 16.25 y fondo de cubas.
 Asientos PTFE + 15% FV. Tórica eje vitón.
 PN 63. Temp. -25°C + 180°C. Montaje directo s/ISO 5211.
 Mando manual por palanca con sistema de bloqueo.

Tank bottom full bore ball valve
 Const. stainless steel CF8M (316) and 316l (tank bottom).
 Ends: butt weld ANSI B 16.25 and tank bottom.
 Seats: PTFE + 15% FV. O'ring stem: viton.
 PN 63. Temp. -25°C + 180°C. Direct assembling ISO 5211.
 Manually operated by handle with locking system.

| MED. | A | L | M | T |
|--------|-----|-------|-----|-------|
| 1/2" | 60 | 65,5 | 112 | 24 |
| 3/4" | 70 | 76,2 | 138 | 30 |
| 1" | 70 | 83,3 | 138 | 33,5 |
| 1 1/4" | 88 | 91,3 | 160 | 41,5 |
| 1 1/2" | 94 | 103,3 | 205 | 51,5 |
| 2" | 100 | 116,5 | 205 | 63 |
| 2 1/2" | 150 | 147,3 | 330 | 83,5 |
| 3" | 165 | 169 | 330 | 100 |
| 4" | 175 | 203 | 340 | 118,5 |



| | | | |
|---------|--------|--------|----------|
| 2053 04 | 1/2" | 0,720 | 176,33 |
| 2053 05 | 3/4" | 1,155 | 206,87 |
| 2053 06 | 1" | 1,480 | 241,74 |
| 2053 07 | 1 1/4" | 2,535 | 391,43 |
| 2053 08 | 1 1/2" | 3,345 | 410,54 |
| 2053 09 | 2" | 4,590 | 538,54 |
| 2053 10 | 2 1/2" | 10,200 | 842,49 |
| 2053 11 | 3" | 13,480 | 1.066,46 |
| 2053 12 | 4" | 21,830 | 1.503,46 |

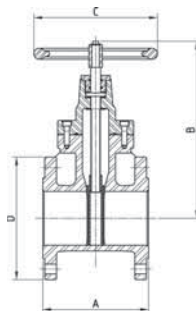
Ref. 2102 - D2102



Válvula de compuerta con cierre de EPDM y cuerpo de fundición nodular PN16
 Vástago fijo. Diseño según DIN 3352, DIN 2501, DIN 3202-F4 apta para conducción de agua. Temp. máx. de trabajo 80°C.

Gate valve with EPDM seal and ductile iron body PN 16
 Fixed stem. Design according to DIN 3352, DIN 2501, DIN 3202-F4. Suitable for water conduction.
 Max. working Temp. 80°C.

| DN | A | B | C | D |
|-----|-----|-----|-----|-----|
| 50 | 150 | 240 | 180 | 165 |
| 65 | 170 | 270 | 180 | 185 |
| 80 | 180 | 300 | 200 | 200 |
| 100 | 190 | 330 | 250 | 220 |
| 125 | 200 | 375 | 280 | 250 |
| 150 | 210 | 425 | 280 | 285 |
| 200 | 230 | 515 | 320 | 340 |
| 250 | 250 | 600 | 350 | 405 |
| 300 | 270 | 685 | 400 | 460 |



| | | | |
|---------|--------|---------|----------|
| 2102 09 | 2" | 11,600 | 94,38 |
| 2102 10 | 2 1/2" | 14,700 | 113,67 |
| 2102 11 | 3" | 16,500 | 140,95 |
| 2102 12 | 4" | 23,200 | 184,44 |
| 2102 13 | 5" | 35,000 | 256,08 |
| 2102 14 | 6" | 41,300 | 337,42 |
| 2102 16 | 8" | 66,000 | 545,05 |
| 2102 18 | 10" | 98,000 | 781,47 |
| 2102 20 | 12" | 125,300 | 1.170,02 |

| | | | |
|----------|-------------|---|-------|
| D2102 09 | 2" | - | 18,43 |
| D2102 10 | 2 1/2" - 4" | - | 18,42 |
| D2102 13 | 5" - 6" | - | 18,42 |
| D2102 16 | 8" | - | 18,42 |
| D2102 18 | 10"-12" | - | 20,87 |

Art. D2102. Adaptador opcional
 Art. D2102. Optional adapter

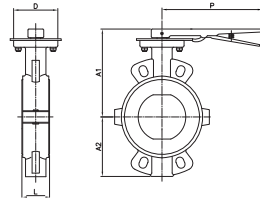
Ref. 2101



Válvula mariposa tipo wafer
Montaje entre bridas PN 10/16 - ANSI 150 lbs
 Cuerpo fundición nodular GGG-40. Eje y disco: Inox. 316.
 Asiento: PTFE con base de EPDM. Temp. -25°C + 180°C.
 Mando manual por palanca hasta 5", mayor de 5" con reductor.
 Longitud entre caras según DIN 3202K1.

Wafer type butterfly valve
Mounting between flanges PN 10/16 - ANSI 150 lbs
 Body, ductil iron GGG-40. Stem and disc: stainless steel 316.
 Seat: PTFE with EPDM backup ring. Temp. -25°C +180°C.
 Manually operated by handle until 5", from 6" with gear operator.
 Face to face according to DIN 3202 K1.

| MED. | L | A1 | A2 | D | P |
|--------|----|-----|-----|-----|-----|
| 2" | 43 | 140 | 80 | 70 | 172 |
| 2 1/2" | 46 | 150 | 89 | 70 | 172 |
| 3" | 46 | 158 | 95 | 70 | 172 |
| 4" | 52 | 176 | 114 | 90 | 218 |
| 5" | 56 | 190 | 127 | 90 | 218 |
| 6" | 56 | 210 | 139 | 90 | 218 |
| 8" | 60 | 236 | 175 | 125 | *** |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2101 09 | 2" | 2,920 | 271,232 |
| 2101 10 | 2 1/2" | 3,180 | 295,96 |
| 2101 11 | 3" | 3,540 | 408,66 |
| 2101 12 | 4" | 5,530 | 547,11 |
| 2101 13 | 5" | 6,870 | 663,15 |
| 2101 14 | 6" | 8,240 | 819,08 |
| 2101 16 | 8" | 17,380 | 1.466,54 |

Ref. 2104 - 5104



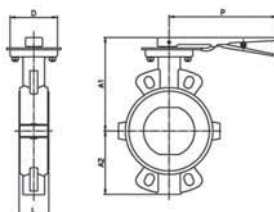
Válvula mariposa tipo wafer
Montaje entre bridas PN 10/16 - ANSI 150 lbs
 Cuerpo, eje y disco: inoxidable 316 (CF8M).
 Asiento: PTFE con base de EPDM. Temp. -25°C + 180°C.
 Mando manual por palanca de inoxidable hasta 5",
 mayor de 5" con reductor. Longitud entre caras según DIN 3202K1.

Wafer type butterfly valve
Mounting between flanges PN 10/16 - ANSI 150 lbs
 Body, stem and disc: stainless steel 316 (CF8M).
 Seat: PTFE with EPDM backup ring. Temp. -25°C +180°C.
 Manually operated by stainless steel handle until 5",
 from 5" with gear operator. Face to face according to DIN 3202 K1.

Art. 5104 de 2" a 5" con reductor manual.

Art. 5104 from 2" to 5" with gear operator.

| MED. | L | A1 | A2 | D | P |
|--------|----|-----|-----|-----|-----|
| 2" | 43 | 168 | 74 | 65 | 270 |
| 2 1/2" | 46 | 170 | 82 | 65 | 270 |
| 3" | 46 | 170 | 90 | 65 | 270 |
| 4" | 52 | 190 | 116 | 90 | 270 |
| 5" | 56 | 206 | 132 | 90 | 270 |
| 6" | 56 | 222 | 145 | 90 | *** |
| 8" | 60 | 274 | 180 | 125 | *** |
| 10" | 68 | 310 | 210 | 125 | *** |



| | | | |
|---------|--------|--------|----------|
| 2104 09 | 2" | 2,700 | 401,30 |
| 2104 10 | 2 1/2" | 3,300 | 485,79 |
| 2104 11 | 3" | 3,600 | 591,40 |
| 2104 12 | 4" | 5,400 | 760,38 |
| 2104 13 | 5" | 7,400 | 929,34 |
| 2104 14 | 6" | 10,500 | 1.182,80 |
| 2104 16 | 8" | 18,100 | 2.064,51 |
| 2104 18 | 10" | 24,900 | 3.238,94 |

| | | | |
|---------|--------|-------|----------|
| 5104 09 | 2" | 4,200 | 530,40 |
| 5104 10 | 2 1/2" | 4,800 | 676,38 |
| 5104 11 | 3" | 5,100 | 720,51 |
| 5104 12 | 4" | 6,900 | 889,49 |
| 5104 13 | 5" | 8,900 | 1.058,45 |

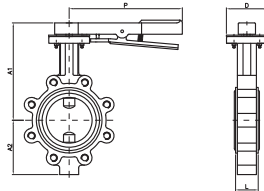
Ref. 2108 - 5108



Válvula mariposa tipo Lug.
Montaje entre bridas PN 10/16
 PN 16 ≤ DN 150 – PN 10 ≥ DN 200
 Cuerpo fundición nodular GGG-40. Disco CF8M (316)
 Elastómero EPDM. Tóricas eje NBR.
 Temperatura de trabajo -20°C + 120°C.
 Montaje actuador s / ISO 5211. Palanca hasta 10".
 Reductor manual a partir de 12".
Art. 5108: de 2" a 10" con reductor manual.

Lug type butterfly valve.
Mounting between DIN PN 10/16 flanges
 PN 16 ≤ DN 150 – PN 10 ≥ DN 200
 Body: ductil iron GGG-40. Disc: CF8M (316)
 Seat: EPDM. Stem o'ring NBR.
 Working temperature -20°C +120°C.
 Mounting actuator according to ISO 5211 std.
 Handle up to 10" with gear operator from 12".
Art. 5108: from 2" to 10" with gear operator.

| MED. | L | A1 | A2 | D | P |
|--------|----|-----|-----|-----|------|
| 2" | 43 | 240 | 79 | 90 | 216 |
| 2 1/2" | 46 | 240 | 93 | 90 | 216 |
| 3" | 46 | 245 | 103 | 90 | 216 |
| 4" | 52 | 265 | 120 | 90 | 216 |
| 5" | 56 | 290 | 133 | 90 | 216 |
| 6" | 56 | 240 | 158 | 125 | 300 |
| 8" | 60 | 280 | 180 | 125 | 300 |
| 10" | 68 | 325 | 216 | 125 | 300 |
| 12" | 78 | 351 | 251 | 150 | **** |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|--------|--------|
| 2108 09 | 2" | 4,400 | 49,61 |
| 2108 10 | 2 1/2" | 4,800 | 60,05 |
| 2108 11 | 3" | 6,000 | 67,27 |
| 2108 12 | 4" | 8,100 | 91,82 |
| 2108 13 | 5" | 10,000 | 133,13 |
| 2108 14 | 6" | 13,200 | 159,32 |
| 2108 16 | 8" | 16,900 | 253,81 |
| 2108 18 | 10" | 30,500 | 405,33 |
| 2108 20 | 12" | 52,000 | 594,68 |

| | | | |
|---------|--------|--------|--------|
| 5108 09 | 2" | 7,400 | 147,40 |
| 5108 10 | 2 1/2" | 7,800 | 164,15 |
| 5108 11 | 3" | 9,000 | 172,43 |
| 5108 12 | 4" | 11,400 | 200,38 |
| 5108 13 | 5" | 13,000 | 241,39 |
| 5108 14 | 6" | 16,300 | 264,82 |
| 5108 16 | 8" | 26,900 | 402,69 |
| 5108 18 | 10" | 40,500 | 551,57 |

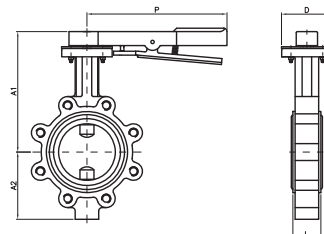
Ref. 2108A - 5108A



Válvula mariposa tipo Lug.
Montaje entre bridas ANSI 125 / 150
 Cuerpo fundición nodular GGG-40. Disco CF8M (316)
 Elastómero EPDM. Tóricas eje NBR.
 Temperatura de trabajo -20°C + 120°C.
 Montaje actuador s / ISO 5211. Palanca hasta 10".
 Reductor manual a partir de 12".
Art. 5108A: de 2" a 10" con reductor manual.

Lug type butterfly valve.
Mounting between ANSI class 125 / 150 flanges
 Body: ductil iron GGG-40. Disc: CF8M (316)
 Seat: EPDM. Stem o'ring NBR.
 Working temperature -20°C +120°C.
 Mounting actuator according to ISO 5211 std.
 Handle up to 10" with gear operator from 12".
Art. 5108A: from 2" to 10" with gear operator.

| MED. | L | A1 | A2 | D | P |
|--------|-----|-----|-----|-----|------|
| 2" | 43 | 240 | 79 | 90 | 216 |
| 2 1/2" | 46 | 240 | 93 | 90 | 216 |
| 3" | 46 | 245 | 103 | 90 | 216 |
| 4" | 52 | 265 | 120 | 90 | 216 |
| 5" | 56 | 290 | 133 | 90 | 216 |
| 6" | 56 | 240 | 158 | 125 | 300 |
| 8" | 60 | 280 | 180 | 125 | 300 |
| 10" | 68 | 325 | 216 | 125 | 300 |
| 12" | 78 | 351 | 251 | 150 | **** |
| 14" | 78 | 346 | 262 | 150 | *** |
| 16" | 102 | 375 | 301 | 175 | *** |
| 18" | 114 | 400 | 333 | 175 | *** |
| 20" | 127 | 432 | 366 | 175 | *** |



| | | | |
|----------|--------|---------|----------|
| 2108A 09 | 2" | 4,400 | 51,83 |
| 2108A 10 | 2 1/2" | 4,800 | 62,76 |
| 2108A 11 | 3" | 6,000 | 70,34 |
| 2108A 12 | 4" | 8,100 | 96,45 |
| 2108A 13 | 5" | 10,000 | 139,86 |
| 2108A 14 | 6" | 13,200 | 167,37 |
| 2108A 16 | 8" | 16,900 | 266,66 |
| 2108A 18 | 10" | 30,500 | 425,82 |
| 2108A 20 | 12" | 52,000 | 658,44 |
| 2108A 22 | 14" | 69,000 | 1.325,07 |
| 2108A 24 | 16" | 97,000 | 1.931,10 |
| 2108A 26 | 18" | 143,000 | 2.511,67 |
| 2108A 28 | 20" | 180,000 | 3.628,65 |

| | | | |
|----------|--------|--------|--------|
| 5108A 09 | 2" | 7,400 | 147,40 |
| 5108A 10 | 2 1/2" | 7,800 | 164,15 |
| 5108A 11 | 3" | 9,000 | 172,43 |
| 5108A 12 | 4" | 11,400 | 200,38 |
| 5108A 13 | 5" | 13,000 | 241,39 |
| 5108A 14 | 6" | 16,300 | 264,82 |
| 5108A 16 | 8" | 26,900 | 402,69 |
| 5108A 18 | 10" | 40,500 | 551,57 |

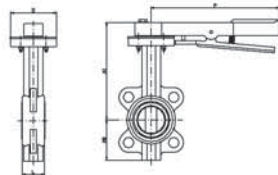
Ref. 2103 - 5103



Válvula mariposa tipo wafer
PN-10/16. ANSI 150 lbs
 Cuerpo hierro fundido.+epoxy.
 Disco fdon.nodular zincado. Elastómero EPDM.
 Toricas eje NBR. Temp. máx. 120°C.
 Brida montaje actuadores s/ISO 5211.
 Palanca hasta 10" reductor manual a partir de 12".
Art. 5103: de 2" a 10" con reductor manual

Wafer type butterfly valve
PN 10/16 ANSI 150 lbs
 Body: cast iron + epoxy disk: zinc plated elastomer:
 EPDM. O'ring stem: NBR
 Max. Temp. 120°C. Flanges mounted actuators ISO 5211
 handle up to 10" with gear operator from 12".
Art. 5103 - from 2" to 10" with gear operator.

| MED. | L | A1 | A2 | D | P | PN |
|--------|-----|-----|-----|-----|-----|----|
| 2" | 43 | 238 | 70 | 65 | 180 | 16 |
| 2 1/2" | 46 | 238 | 80 | 65 | 180 | 16 |
| 3" | 46 | 238 | 100 | 65 | 180 | 16 |
| 4" | 52 | 270 | 115 | 90 | 215 | 16 |
| 5" | 56 | 300 | 125 | 90 | 215 | 16 |
| 6" | 56 | 300 | 145 | 90 | 215 | 16 |
| 8" | 60 | 300 | 150 | 125 | 300 | 16 |
| 10" | 68 | 330 | 200 | 125 | 300 | 16 |
| 12" | 78 | 360 | 250 | 150 | *** | 16 |
| 14" | 78 | 390 | 260 | 150 | *** | 10 |
| 16" | 102 | 420 | 300 | 175 | *** | 10 |
| 18" | 114 | 445 | 330 | 175 | *** | 10 |
| 20" | 127 | 480 | 370 | 175 | *** | 10 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| | | | |
|---------|--------|---------|----------|
| 2103 09 | 2" | 2,800 | 37,10 |
| 2103 10 | 2 1/2" | 3,300 | 44,86 |
| 2103 11 | 3" | 3,800 | 49,61 |
| 2103 12 | 4" | 6,000 | 54,66 |
| 2103 13 | 5" | 7,400 | 65,99 |
| 2103 14 | 6" | 8,900 | 77,58 |
| 2103 16 | 8" | 14,400 | 118,07 |
| 2103 18 | 10" | 21,200 | 220,39 |
| 2103 20 | 12" | 37,500 | 378,95 |
| 2103 22 | 14" | 56,000 | 423,98 |
| 2103 24 | 16" | 77,600 | 910,57 |
| 2103 26 | 18" | 118,500 | 1.226,08 |
| 2103 28 | 20" | 151,500 | 2.016,67 |

| | | | |
|---------|--------|--------|--------|
| 5103 09 | 2" | 5,800 | 120,21 |
| 5103 10 | 2 1/2" | 6,300 | 133,00 |
| 5103 11 | 3" | 6,800 | 143,76 |
| 5103 12 | 4" | 9,000 | 146,64 |
| 5103 13 | 5" | 10,400 | 157,67 |
| 5103 14 | 6" | 12,000 | 165,78 |
| 5103 16 | 8" | 17,400 | 231,50 |
| 5103 18 | 10" | 24,200 | 337,75 |

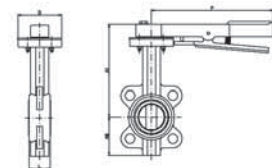
Ref. 2109 - 5109



Válvula mariposa tipo wafer
PN-10/16. ANSI 150 lbs
 Cuerpo hierro fundido. +epoxy disco acero inox. AISI 316.
 Elastómero EPDM. Tóricas eje NBR. Temp. máx. 120°C.
 Brida montaje actuadores s/ISO 5211. Palanca hasta 10"
 reductor manual a partir de 12".
Art. 5109 - de 2" a 10" con reductor manual

Wafer type butterfly valve
PN 10/16. ANSI 150 lbs
 Body: cast iron +epoxy disc: stainless steel AISI 316.
 Elastomer: EPDM. O'ring stem: NBR. Max. Temp. 120°C.
 Flanges mounted actuators ISO 5211.
 Handle up to 10" with gear operator from 12".
Art. 5109 - from 2" to 10" with gear operator.

| MED. | L | A1 | A2 | D | P | PN |
|--------|-----|-----|-----|-----|-----|----|
| 2" | 43 | 238 | 70 | 65 | 180 | 16 |
| 2 1/2" | 46 | 238 | 80 | 65 | 180 | 16 |
| 3" | 46 | 238 | 100 | 65 | 180 | 16 |
| 4" | 52 | 270 | 115 | 90 | 215 | 16 |
| 5" | 56 | 300 | 125 | 90 | 215 | 16 |
| 6" | 56 | 300 | 145 | 90 | 215 | 16 |
| 8" | 60 | 300 | 150 | 125 | 300 | 16 |
| 10" | 68 | 330 | 200 | 125 | 300 | 16 |
| 12" | 78 | 360 | 250 | 150 | *** | 16 |
| 14" | 78 | 390 | 260 | 150 | *** | 10 |
| 16" | 102 | 420 | 300 | 175 | *** | 10 |
| 18" | 114 | 445 | 330 | 175 | *** | 10 |
| 20" | 127 | 480 | 370 | 175 | *** | 10 |



| | | | |
|---------|--------|---------|----------|
| 2109 09 | 2" | 2,800 | 44,74 |
| 2109 10 | 2 1/2" | 3,300 | 54,36 |
| 2109 11 | 3" | 3,800 | 62,32 |
| 2109 12 | 4" | 6,000 | 80,42 |
| 2109 13 | 5" | 7,400 | 99,33 |
| 2109 14 | 6" | 8,900 | 124,25 |
| 2109 16 | 8" | 14,400 | 223,22 |
| 2109 18 | 10" | 21,200 | 301,18 |
| 2109 20 | 12" | 37,500 | 554,33 |
| 2109 22 | 14" | 56,000 | 776,19 |
| 2109 24 | 16" | 77,600 | 1.336,75 |
| 2109 26 | 18" | 118,500 | 1.806,93 |
| 2109 28 | 20" | 151,500 | 2.917,45 |

Válvula con elastómero NBR (2109B). Precios a consultar
 NBR elastomer valve (2109B). Prices on request.

| | | | |
|---------|--------|--------|--------|
| 5109 09 | 2" | 5,800 | 129,22 |
| 5109 10 | 2 1/2" | 6,300 | 144,02 |
| 5109 11 | 3" | 6,800 | 152,47 |
| 5109 12 | 4" | 9,000 | 176,05 |
| 5109 13 | 5" | 10,400 | 197,97 |
| 5109 14 | 6" | 12,000 | 217,22 |
| 5109 16 | 8" | 17,400 | 344,84 |
| 5109 18 | 10" | 24,200 | 423,90 |

Ref. 2105



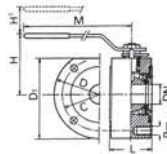
Tipo Wafer. Válvula esfera paso total 1 pieza montaje entre bridas PN-16

Cuerpo: acero carbono A-105 bola eje y tapa: inox. AISI 304
Asientos y juntas: PTFE Temp. -20°C +180°C.
Mando manual por palanca.

Wafer type. 1 pc full bore ball valve mounting between flanges PN16

Body: carbon steel A-105. Ball, stem and cover: stainless steel AISI 304. Seats and seals: PTFE Temp. -20°C +180°C.
Manually operated by handle.

| MED. | D | D1 | C | H | L | M | rM |
|--------|-----|-----|-----|-----|-----|-----|-------|
| 1" | 110 | 108 | 85 | 95 | 46 | 185 | 4xM12 |
| 1 1/4" | 130 | 128 | 100 | 110 | 55 | 280 | 4xM16 |
| 1 1/2" | 140 | 138 | 110 | 110 | 66 | 280 | 4xM16 |
| 2" | 150 | 148 | 125 | 120 | 72 | 280 | 4xM16 |
| 2 1/2" | 170 | 168 | 145 | 150 | 98 | 360 | 4xM16 |
| 3" | 190 | 188 | 160 | 160 | 120 | 360 | 8xM16 |
| 4" | 220 | 220 | 180 | 180 | 140 | 480 | 8xM16 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|--------|--------|
| 2105 06 | 1" | 2,700 | 83,08 |
| 2105 07 | 1 1/4" | 4,600 | 113,85 |
| 2105 08 | 1 1/2" | 6,300 | 138,46 |
| 2105 09 | 2" | 7,850 | 170,77 |
| 2105 10 | 2 1/2" | 13,800 | 276,92 |
| 2105 11 | 3" | 20,650 | 353,85 |
| 2105 12 | 4" | 31,200 | 544,62 |

Ref. 2110



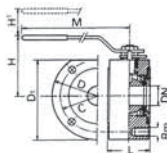
Tipo Wafer. Válvula esfera paso total 1 pieza montaje entre bridas PN-16

Cuerpo bola y eje: inox. AISI 316.
Asientos y juntas: PTFE Temp. -20°C +180°C.
Mando manual por palanca.

Wafer type. 1 pc full bore ball valve mounting between flanges PN-16

Body ball and stem: stainless steel AISI 316.
Seats and seals: PTFE Temp. -20°C +180°C.
Manually operated by handle.

| MED. | D | D1 | C | H | L | M | rM |
|--------|-----|-----|-----|-----|-----|-----|-------|
| 1/2" | 90 | 88 | 65 | 90 | 32 | 130 | 4xM12 |
| 3/4" | 100 | 98 | 75 | 90 | 42 | 180 | 4xM12 |
| 1" | 110 | 108 | 85 | 90 | 45 | 180 | 4xM12 |
| 1 1/4" | 130 | 128 | 100 | 110 | 54 | 270 | 4xM16 |
| 1 1/2" | 140 | 138 | 110 | 110 | 65 | 280 | 4xM16 |
| 2" | 150 | 148 | 125 | 125 | 72 | 280 | 4xM16 |
| 2 1/2" | 170 | 175 | 145 | 150 | 98 | 360 | 4xM16 |
| 3" | 190 | 188 | 160 | 160 | 118 | 360 | 8xM16 |
| 4" | 220 | 210 | 180 | 180 | 140 | 470 | 8xM16 |



| | | | |
|---------|--------|--------|----------|
| 2110 04 | 1/2" | 1,400 | 117,65 |
| 2110 05 | 3/4" | 2,200 | 147,06 |
| 2110 06 | 1" | 2,750 | 176,47 |
| 2110 07 | 1 1/4" | 4,640 | 250,00 |
| 2110 08 | 1 1/2" | 6,350 | 279,41 |
| 2110 09 | 2" | 7,900 | 350,00 |
| 2110 10 | 2 1/2" | 13,900 | 597,06 |
| 2110 11 | 3" | 20,900 | 779,41 |
| 2110 12 | 4" | 31,300 | 1.264,71 |

Ref. 2115



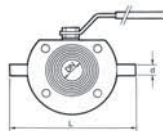
Tipo wafer. Válvula esfera paso total 1 pieza con cámara de calefacción montaje entre bridas PN-16

Cuerpo: acero al carbono forjado A-105. bola, eje y tapa: inox. AISI 304 asientos y juntas: PTFE. Temp. -20°C +180°C.
Mando manual por palanca.

Wafer type. 1 pc full bore ball valve with heating chamber mounting between flanges PN-16

Body: forged carbon steel A-105. Ball stem and cover: stainless steel AISI 304. Seats and seals: PTFE Temp. -20°C +180°C.
Manually operated by handle.

| DN | L | d |
|-----|-----|------|
| 25 | 170 | 3/4" |
| 32 | 190 | 3/4" |
| 40 | 200 | 3/4" |
| 50 | 210 | 3/4" |
| 65 | 235 | 3/4" |
| 80 | 250 | 3/4" |
| 100 | 270 | 3/4" |



| | | | |
|---------|--------|--------|--------|
| 2115 06 | 1" | 3,050 | 180,95 |
| 2115 07 | 1 1/4" | 4,730 | 223,33 |
| 2115 08 | 1 1/2" | 6,400 | 275,00 |
| 2115 09 | 2" | 8,300 | 323,33 |
| 2115 10 | 2 1/2" | 13,500 | 480,00 |
| 2115 11 | 3" | 20,300 | 580,00 |
| 2115 12 | 4" | 32,400 | 826,67 |

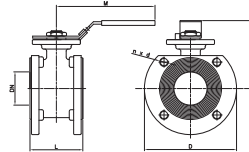
Ref. 2118



Tipo Wafer. Válvula esfera paso total 1 pieza montaje entre bridas PN-16
 Const. acero inox CF8M (316) microfundición. Esfera y eje inoxidable 316. Asientos PTFE + 15% FV. PN-16.
 Temp. -25°C + 180°C. Montaje directo S/ ISO 5211.
 Mando manual por palanca con sistema de bloqueo.

Wafer type. 1 pc full bore ball valve mounting between flanges PN-16
 Const. stainless steel CF8M (316) investment casting. Ball and stem: stainless steel 316. Seats: PTFE + 15% GF. PN-16.
 Temp. -25°C + 180°C. Direct assembling ISO 5211.
 Manually operated by handle with locking system.

| MED. | DN | L | M | D | H | nxd |
|--------|-----|-----|-----|-----|-----|---------|
| 1/2" | 15 | 36 | 120 | 95 | 89 | 4 x M12 |
| 3/4" | 20 | 38 | 120 | 105 | 94 | 4 x M12 |
| 1" | 25 | 50 | 160 | 115 | 90 | 4 x M12 |
| 1 1/4" | 32 | 53 | 160 | 140 | 100 | 4 x M16 |
| 1 1/2" | 40 | 65 | 200 | 150 | 105 | 4 x M16 |
| 2" | 50 | 78 | 200 | 165 | 125 | 4 x M16 |
| 2 1/2" | 65 | 98 | 255 | 185 | 140 | 4 x M16 |
| 3" | 80 | 118 | 255 | 200 | 145 | 8 x M16 |
| 4" | 100 | 140 | 300 | 220 | 175 | 8 x M16 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2118 04 | 1/2" | 1,250 | 76,40 |
| 2118 05 | 3/4" | 1,600 | 92,95 |
| 2118 06 | 1" | 2,300 | 113,02 |
| 2118 07 | 1 1/4" | 3,550 | 165,80 |
| 2118 08 | 1 1/2" | 4,600 | 210,70 |
| 2118 09 | 2" | 6,350 | 274,51 |
| 2118 10 | 2 1/2" | 9,650 | 429,26 |
| 2118 11 | 3" | 13,800 | 582,06 |
| 2118 12 | 4" | 18,600 | 814,03 |

Ref. 2119

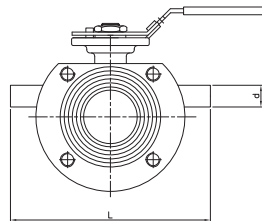


NOVEDAD
NEW

Válvula esfera Paso Total 1 pieza con cámara de calefacción. Montaje entre bridas PN-16.
 Const. Acero Inox CF8M (316) Microfundición.
 Esfera y eje inoxidable 316. Asientos PTFE + 15% FV. PN - 16. Temp. -25 °C + 180 °C.
 Montaje directo s/ ISO 5211. Mando manual por palanca con sistema de bloqueo.

Wafer type - 1 Pc full bore ball valve with heating chamber. Mounting between flanges PN-16
 Const. Stainless steel CF8M (316) Investment casting.
 Ball and stem: stainless steel 316. Seats: PTFE + 15% GF. PN - 16. Temp. -25 °C + 180 °C.
 Direct assembling ISO 5211. Manually operated by handle with locking system.

| MED. | DN | L | d |
|--------|-----|-----|--------|
| 1/2" | 15 | 150 | 1/2" G |
| 3/4" | 20 | 160 | 1/2" G |
| 1" | 25 | 170 | 1/2" G |
| 1 1/4" | 32 | 190 | 1/2" G |
| 1 1/2" | 40 | 200 | 1/2" G |
| 2" | 50 | 210 | 1/2" G |
| 2 1/2" | 65 | 235 | 1/2" G |
| 3" | 80 | 250 | 1/2" G |
| 4" | 100 | 270 | 1/2" G |



| | | | |
|---------|--------|------|----------|
| 2119 04 | 1/2" | 1,34 | 306,53 |
| 2119 05 | 3/4" | 1,71 | 323,66 |
| 2119 06 | 1" | 2,45 | 412,25 |
| 2119 07 | 1 1/4" | 3,8 | 473,08 |
| 2119 08 | 1 1/2" | 4,95 | 525,54 |
| 2119 09 | 2" | 6,8 | 603,77 |
| 2119 10 | 2 1/2" | 10,4 | 773,10 |
| 2119 11 | 3" | 14,8 | 949,34 |
| 2119 12 | 4" | 19,9 | 1.295,32 |

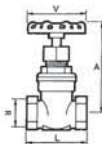
Ref. 2220



Válvula de compuerta PN-16
 Rosca gas, también disponible con rosca NPT (2220N)
 Construcción: inox. CF8M (316) microfundición.
 Juntas: PTFE. Conexión: rosca gas DIN 2999. Presión máx.: 16 kg/cm² a 120°C 10 kg/cm² a 180°C. Temp. mín. -30°C.

Gate valve PN-16
 Gas thread, also available NPT thread (2220N)
 Constr. stainless steel CF8M (316) investment casting.
 Seats: PTFE: gas threaded ends din 2999.
 Max. pressure: 16 kg/cm² at 120°C 10 kg/cm² at 180°C.
 Minimum temp.: -30°C.

| R | DN | A | L | V |
|--------|----|-----|----|-----|
| 1/2" | 15 | 100 | 55 | 70 |
| 3/4" | 20 | 110 | 61 | 70 |
| 1" | 25 | 115 | 68 | 70 |
| 1 1/4" | 32 | 130 | 77 | 80 |
| 1 1/2" | 40 | 150 | 80 | 100 |
| 2" | 50 | 167 | 93 | 100 |



| | | | |
|---------|--------|-------|--------|
| 2220 04 | 1/2" | 0,414 | 53,64 |
| 2220 05 | 3/4" | 0,578 | 66,76 |
| 2220 06 | 1" | 0,740 | 82,48 |
| 2220 07 | 1 1/4" | 0,995 | 103,00 |
| 2220 08 | 1 1/2" | 1,459 | 143,80 |
| 2220 09 | 2" | 1,985 | 172,61 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 2221 - 2222



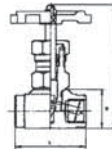
Válvulas de aguja – 3000 Lbs

Art. 2221. Rosca gas H/H. Art. 2222. Rosca NPT H/H
 Construcción: acero A105 / aguja INOX A182 F316+ T. Térmico
 Estopada: PTFE Presión máxima de trabajo 210 Bar.
 Temperatura de trabajo -20°C a 250°C.

Needle valve – 3000 Lbs

Art. 2221. Gas thread F/F. Art. 2222. NPT thread F/F
 Constr. steel A105, needle stainless steel A182 F316
 + Heat Treatment. Stem packing: PTFE Max. working pressure
 210 Bar. Working temperature -20°C to 250°C.

| MED. | E | H | L | K |
|------|----|-----|----|---|
| 1/4" | 25 | 85 | 50 | 3 |
| 3/8" | 30 | 100 | 55 | 4 |
| 1/2" | 34 | 115 | 60 | 6 |
| 3/4" | 40 | 120 | 70 | 8 |
| 1" | 45 | 138 | 75 | 9 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| 2221 / 2222 | | | |
|-------------|------|-------|-------|
| 02 | 1/4" | 0,260 | 23,35 |
| 03 | 3/8" | 0,360 | 23,42 |
| 04 | 1/2" | 0,530 | 26,65 |
| 05 | 3/4" | 0,760 | 33,60 |
| 06 | 1" | 1,175 | 48,93 |

Ref. 2223 - 2224



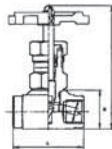
Válvulas de aguja – 3000 Lbs

Art. 2223. Rosca gas H/H. Art. 2224. Rosca NPT H/H
 Construcción: acero inoxidable A182 F316/aguja inox A182 F316 +
 T. térmico. Estopada: PTFE. Presión máxima de trabajo 210 bar
 Temperatura de trabajo: -20°C a 250°C.

Needle valve – 3000 Lbs

Art. 2223. Gas thread F/F. Art. 2224. NPT thread F/F
 Construction: stainless steel A182 F316/needle stainless steel
 A182 F316+ heat treatment. Stem packing PTFE.
 Max. Working pressure 210 bar.
 Working temperature -20°C to 250°C.

| MED. | E | H | L | K |
|--------|----|-----|-----|----|
| 1/4" | 25 | 85 | 50 | 3 |
| 3/8" | 30 | 100 | 55 | 4 |
| 1/2" | 34 | 115 | 60 | 6 |
| 3/4" | 40 | 120 | 70 | 8 |
| 1" | 45 | 138 | 75 | 9 |
| 1 1/4" | 57 | 165 | 90 | 11 |
| 1 1/2" | 67 | 185 | 100 | 15 |
| 2" | 78 | 195 | 120 | 18 |



| 2223 / 2224 | | | |
|-------------|--------|-------|--------|
| 02 | 1/4" | 0,260 | 42,38 |
| 03 | 3/8" | 0,360 | 47,90 |
| 04 | 1/2" | 0,530 | 54,29 |
| 05 | 3/4" | 0,760 | 74,37 |
| 06 | 1" | 1,175 | 106,17 |
| 07 | 1 1/4" | 1,850 | 201,75 |
| 08 | 1 1/2" | 2,900 | 263,21 |
| 09 | 2" | 4,700 | 323,95 |

Ref. 2225 - 2225N



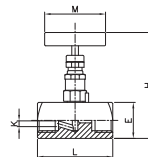
Válvula de aguja – 6000 Lbs

También disponible con rosca NPT (2225N)
 Construcción: Acero inox. A182 F316 / Aguja inox A182 F316 +
 T. Térmico. Rosca DIN 2999. Estopada PTFE.
 Presión máxima de trabajo 410 bar.
 Temperatura de trabajo -54°C. a 250°C.

Needle valve – 6000 Lbs

Also available with NPT thread (2225N)
 Construction: Stainless steel A182 F316 / Needle stainless steel
 A182 F316+ Heat treatment. Thread DIN 2999. Stem packing PTFE.
 Max. working
 pressure 410 bar. Working temperature -54°C to 250°C.

| MED. | E | H | L | M | K |
|------|------|-----|----|----|---|
| 1/4" | 25,5 | 90 | 61 | 55 | 4 |
| 3/8" | 25,5 | 90 | 61 | 55 | 4 |
| 1/2" | 28,5 | 92 | 68 | 55 | 5 |
| 3/4" | 38 | 98 | 76 | 55 | 6 |
| 1" | 44,5 | 108 | 85 | 55 | 8 |



| | | | |
|---------|------|-------|--------|
| 2225 02 | 1/4" | 0,365 | 52,60 |
| 2225 03 | 3/8" | 0,355 | 57,86 |
| 2225 04 | 1/2" | 0,440 | 60,48 |
| 2225 05 | 3/4" | 0,800 | 86,22 |
| 2225 06 | 1" | 1,120 | 118,59 |

Precios rosca NPT a consultar / NPT thread prices on request

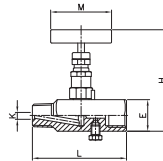
Ref. 2226 - 2226N



Válvula de aguja – 6000 lbs con purga
 También disponible con rosca NPT (2226N)
 Construcción: Acero inox. A182 F316 / Aguja inox A182 F316 + T. Térmico. Rosca DIN 2999. Estopada PTFE. Presion máxima de trabajo 410 bar. Temperatura de trabajo -54°C a 250°C.

Needle valve – 6000 lbs with vent port
 Also available with NPT thread (2226N)
 Construction: Stainless steel A182 F316 / Needle stainless steel A182 F316+ Heat treatment. Thread DIN 2999. Stem packing ptfe. Max. Working Pressure 410 bar. Working temperature -54°C to 250°C.

| MED. | E | H | L | M | K |
|------|------|----|----|----|---|
| 1/4" | 28,5 | 90 | 75 | 55 | 4 |
| 1/2" | 32 | 92 | 89 | 55 | 5 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|------|-------|-------|
| 2226 02 | 1/4" | 0,490 | 70,33 |
| 2226 04 | 1/2" | 0,560 | 74,40 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 8112N

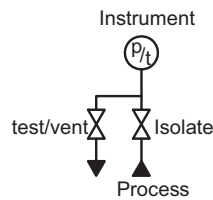
Manifolds para Instrumentación – Montaje a Distancia.
 Construcción: Acero inox. 316. Rosca entrada / salida NPT. Empaquetadura PTFE. Presión máxima de trabajo 410 bar. Temperatura de trabajo -54°C a 250 °C.

Instrument Manifolds – Remote operation.
 Construction: Stainless Steel 316. Input / Output NPT threaded. Packing: PTFE. Max. working pressure 410 bar. Working temperature -54°C to 250°C.

NOVEDAD
NEW



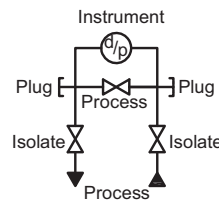
2 válvulas montaje a distancia/
 2 valves remote operation



| | | | |
|-------------|------|-------|--------|
| 8112N 04 02 | 1/2" | 0,750 | 129,20 |
|-------------|------|-------|--------|



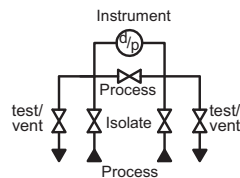
3 válvulas montaje a distancia/
 3 valves remote operation



| | | | |
|-------------|------|-------|--------|
| 8112N 04 03 | 1/2" | 1,480 | 197,76 |
|-------------|------|-------|--------|



5 válvulas montaje a distancia/
 5 valves remote operation.



| | | | |
|-------------|------|-------|--------|
| 8112N 04 05 | 1/2" | 2,950 | 348,04 |
|-------------|------|-------|--------|

Ref. 8114N



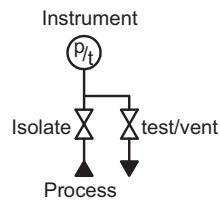
NOVEDAD
NEW

Manifolds para Instrumentación – Montaje Directo.
 Construcción: Acero inox. 316. Rosca entrada / salida NPT.
 Empaquetadura PTFE. Presión máxima de trabajo 410 bar.
 Temperatura de trabajo -54°C a 250 °C.

Instrument Manifolds – Direct Mounting.
 Construction: Stainless Steel 316. Input / Output NPT threaded.
 Packing: PTFE. Max. working pressure 410 bar.
 Working temperature -54°C to 250°C.

2 válvulas montaje directo

2 valves direct mounting.



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| | | | |
|-------------|------|-------|--------|
| 8114N 04 02 | 1/2" | 0,780 | 134,50 |
|-------------|------|-------|--------|

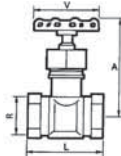
Ref. 2230



Válvula de globo PN-16
 Rosca gas, también disponible en rosca NPT (2230N)
 Construcción: inox. CF8M (316) microfundición.
 Juntas: PTFE conexión: rosca gas DIN 2999.
 Presión max.: 16 kg/cm² a 120°C 10 kg/cm² a 180°C.

Globe valve PN-16
 Gas thread, also available NPT thread (2230N)
 Constr. Stainless steel CF8M (316) investment casting
 Seals: PTFE: gas threaded ends DIN 259
 Max. pressure: 16 kg/cm² at 120°C 10 kg/cm² at 180°C.

| R | DN | A | L | V |
|--------|----|-----|-----|-----|
| 1/2" | 15 | 97 | 65 | 70 |
| 3/4" | 20 | 103 | 75 | 70 |
| 1" | 25 | 116 | 90 | 70 |
| 1 1/4" | 32 | 135 | 105 | 80 |
| 1 1/2" | 40 | 152 | 120 | 100 |
| 2" | 50 | 164 | 140 | 100 |



| | | | |
|---------|--------|-------|--------|
| 2230 04 | 1/2" | 0,380 | 40,46 |
| 2230 05 | 3/4" | 0,600 | 48,83 |
| 2230 06 | 1" | 0,850 | 62,38 |
| 2230 07 | 1 1/4" | 1,365 | 83,17 |
| 2230 08 | 1 1/2" | 1,880 | 111,58 |
| 2230 09 | 2" | 2,680 | 146,24 |

Ref. 2228



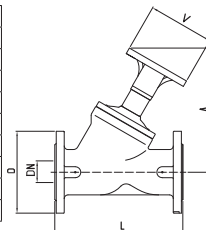
NOVEDAD
NEW

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.

| 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 |

| | | | |
|---------|--------|---------|----------|
| 2228 09 | 2" | 12,800 | 273,71 |
| 2228 10 | 2 1/2" | 18,950 | 300,86 |
| 2228 11 | 3" | 23,500 | 365,11 |
| 2228 12 | 4" | 32,200 | 458,08 |
| 2228 13 | 5" | 50,600 | 647,32 |
| 2228 14 | 6" | 68,200 | 867,85 |
| 2228 16 | 8" | 128,000 | 1.560,12 |
| 2228 18 | 10" | 206,000 | 2.324,83 |
| 2228 20 | 12" | 307,500 | 3.382,60 |



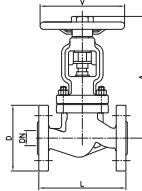
Ref. 2231



Válvula de globo con fuelle – Bridas DIN PN 16
 Const. cuerpo y bonete acero al carbono GS-C25 (WCB).
 Material del fuelle: inoxidable 304. Junta y empaquetadura de grafito. Material de cierre: inoxidable
 Temperatura máxima de trabajo 350°C.

Bellow globe valve – flanged ends DIN PN 16
 Body and bonnet made of carbon steel GS-C25 (WCB)
 Bellow material: Stainless steel 304. Gasket and packing: graphite.
 Seal material: stainless steel. Max. working temperature 350°C.

| Med | DN | A | D | L | V |
|--------|-----|-----|-----|-----|-----|
| 1/2" | 15 | 195 | 95 | 130 | 140 |
| 3/4" | 20 | 200 | 105 | 150 | 140 |
| 1" | 25 | 220 | 115 | 160 | 140 |
| 1 1/4" | 32 | 225 | 140 | 180 | 160 |
| 1 1/2" | 40 | 235 | 150 | 200 | 180 |
| 2" | 50 | 250 | 165 | 230 | 180 |
| 2 1/2" | 65 | 260 | 185 | 290 | 220 |
| 3" | 80 | 265 | 200 | 310 | 250 |
| 4" | 100 | 370 | 220 | 350 | 300 |
| 5" | 125 | 400 | 250 | 400 | 350 |
| 6" | 150 | 515 | 285 | 480 | 400 |
| 8" | 200 | 550 | 340 | 600 | 500 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|---------|----------|
| 2231 04 | 1/2" | 4,300 | 114,46 |
| 2231 05 | 3/4" | 5,300 | 118,32 |
| 2231 06 | 1" | 6,300 | 133,13 |
| 2231 07 | 1 1/4" | 8,000 | 170,11 |
| 2231 08 | 1 1/2" | 9,800 | 199,68 |
| 2231 09 | 2" | 13,500 | 236,66 |
| 2231 10 | 2 1/2" | 19,100 | 355,01 |
| 2231 11 | 3" | 24,000 | 443,74 |
| 2231 12 | 4" | 37,000 | 591,65 |
| 2231 13 | 5" | 62,000 | 784,01 |
| 2231 14 | 6" | 80,000 | 1.072,39 |
| 2231 16 | 8" | 136,000 | 1.738,03 |

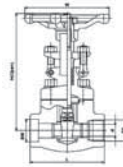
Ref. 2232N - 2232S



Válvula de compuerta clase 800. (2232S-extremos S.W.)
 Const. cuerpo y bonete acero forjado ASTM A105N.
 Material de cierre: asiento con stellite.
 Compuerta: ASTM A182 - F6a. (trim #8/XU).
 Bonete atornillado. Extremos roscados NPT.

Gate valve class 800. (2232S-S.W. ends)
 Body and bonnet made of forged steel ASTM A105N.
 Seat material: stainless steel stellited.
 Gate: astm a182 F6a (trim #8/XU). Bolted bonnet. NPT.
 Thread ends. (2232S- socket weld ends).

| MED. | D | d | SW | H | W | L |
|--------|----|------|------|-----|-----|-----|
| 1/2" | 15 | 10 | 21,8 | 151 | 100 | 79 |
| 3/4" | 20 | 13,5 | 27,1 | 158 | 100 | 92 |
| 1" | 25 | 18 | 33,8 | 185 | 125 | 111 |
| 1 1/4" | 32 | 24 | 42,6 | 239 | 160 | 120 |
| 1 1/2" | 40 | 30 | 48,7 | 243 | 160 | 120 |
| 2" | 50 | 36,5 | 61,1 | 279 | 180 | 140 |



| | | | |
|----------|--------|--------|--------|
| 2232N 04 | 1/2" | 2,200 | 56,12 |
| 2232N 05 | 3/4" | 2,395 | 62,85 |
| 2232N 06 | 1" | 4,110 | 78,20 |
| 2232N 07 | 1 1/4" | 5,650 | 113,03 |
| 2232N 08 | 1 1/2" | 6,740 | 146,16 |
| 2232N 09 | 2" | 10,730 | 215,92 |

| | | | |
|----------|--------|--------|--------|
| 2232S 04 | 1/2" | 2,210 | 56,12 |
| 2232S 05 | 3/4" | 2,435 | 62,85 |
| 2232S 06 | 1" | 4,130 | 78,20 |
| 2232S 07 | 1 1/4" | 5,710 | 113,03 |
| 2232S 08 | 1 1/2" | 6,850 | 146,16 |
| 2232S 09 | 2" | 10,810 | 215,92 |

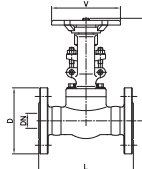
Ref. 2232A



Válvula de compuerta con bridas ANSI clase 150
 Const. cuerpo y bonete acero forjado ASTM A105N.
 Material de cierre: asiento con stellite
 Compuerta: ASTM A182 - F6a. (Trim #8/XU).
 Bonete atornillado.

Gate valve with flanged ends ANSI 150 class
 Body and bonnet made of forged steel ASTM A105N.
 Seat material: stainless steel stellited.
 Gate: ASTM A182 F6a (Trim #8/XU). Bolted bonnet.

| MED. | DN | A | D | L | V |
|--------|----|-----|-----|-----|-----|
| 1/2" | 15 | 157 | 90 | 108 | 80 |
| 3/4" | 20 | 163 | 100 | 117 | 80 |
| 1" | 25 | 194 | 110 | 127 | 105 |
| 1 1/4" | 32 | 196 | 115 | 140 | 140 |
| 1 1/2" | 40 | 217 | 125 | 165 | 140 |
| 2" | 50 | 251 | 150 | 178 | 160 |



| | | | |
|----------|--------|--------|--------|
| 2232A 04 | 1/2" | 3,400 | 74,25 |
| 2232A 05 | 3/4" | 3,800 | 83,25 |
| 2232A 06 | 1" | 5,900 | 121,50 |
| 2232A 07 | 1 1/4" | 7,200 | 153,00 |
| 2232A 08 | 1 1/2" | 10,000 | 207,00 |
| 2232A 09 | 2" | 15,200 | 283,50 |

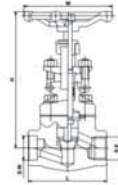
Ref. 2233N - 2233S



Válvula de globo clase 800. (2233S - extremos S.W.)
 Const. cuerpo y bonete acero forjado ASTM A105N.
 Material de cierre: asiento con stellite
 Disco: ASTM A182 - F6a. (trim #8/XU).
 Bonete atornillado. extremos roscados NPT.

Globe valve class 800. (2233S - S.W. ends)
 Body and bonnet made of forged steel ASTM A105N.
 Seat material: stainless steel stellite. Disc: ASTM A182
 F6a (trim #8/XU). Bolted bonnet. NPT thread ends.
 (2233S socket weld ends).

| MED. | DN | SW | H | W | L |
|--------|----|------|-----|-----|-----|
| 1/2" | 15 | 21,8 | 164 | 100 | 79 |
| 3/4" | 20 | 27,1 | 164 | 100 | 92 |
| 1" | 25 | 33,8 | 203 | 125 | 111 |
| 1 1/4" | 32 | 42,6 | 224 | 160 | 120 |
| 1 1/2" | 40 | 48,7 | 260 | 160 | 152 |
| 2" | 50 | 61,1 | 300 | 180 | 172 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|----------|--------|--------|--------|
| 2233N 04 | 1/2" | 2,235 | 55,02 |
| 2233N 05 | 3/4" | 2,400 | 61,62 |
| 2233N 06 | 1" | 4,145 | 76,67 |
| 2233N 07 | 1 1/4" | 5,765 | 110,81 |
| 2233N 08 | 1 1/2" | 8,110 | 143,29 |
| 2233N 09 | 2" | 12,540 | 211,69 |

| | | | |
|----------|--------|--------|--------|
| 2233S 04 | 1/2" | 2,270 | 55,02 |
| 2233S 05 | 3/4" | 2,445 | 61,62 |
| 2233S 06 | 1" | 4,185 | 76,67 |
| 2233S 07 | 1 1/4" | 5,850 | 110,81 |
| 2233S 08 | 1 1/2" | 8,325 | 143,29 |
| 2233S 09 | 2" | 12,675 | 211,69 |

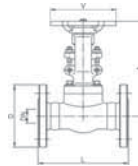
Ref. 2233A



Válvula de globo con bridas ANSI clase 150
 Const. cuerpo y bonete acero forjado ASTM A105N.
 Material de cierre: asiento con stellite
 Disco: ASTM A182 - F6a. (Trim #8/XU).
 Bonete atornillado.

Globe valve with flanged ends ANSI 150 class
 Body and bonnet made of forged steel ASTM A105N.
 Seat material: stainless steel stellite.
 Disc: ASTM A182 F6a (Trim #8/XU). Bolted bonnet.

| MED. | DN | A | D | L | V |
|--------|----|-----|-----|-----|-----|
| 1/2" | 15 | 185 | 90 | 108 | 80 |
| 3/4" | 20 | 183 | 100 | 117 | 80 |
| 1" | 25 | 218 | 110 | 127 | 105 |
| 1 1/4" | 32 | 223 | 115 | 140 | 140 |
| 1 1/2" | 40 | 245 | 125 | 165 | 140 |
| 2" | 50 | 269 | 150 | 178 | 160 |



| | | | |
|----------|--------|--------|--------|
| 2233A 04 | 1/2" | 3,400 | 74,25 |
| 2233A 05 | 3/4" | 3,900 | 83,25 |
| 2233A 06 | 1" | 5,950 | 121,50 |
| 2233A 07 | 1 1/4" | 9,600 | 153,00 |
| 2233A 08 | 1 1/2" | 10,500 | 216,00 |
| 2233A 09 | 2" | 13,100 | 301,50 |

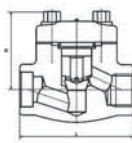
Ref. 2234N - 2234S



Válvula de retención clase 800 tipo pistón (2234S - extremos S.W.)
 Const. cuerpo y tapa acero forjado ASTM A105N.
 Material de cierre: asiento con stellite
 Pistón: ASTM A182 - F6a. (trim #8/XU).
 Tapa atornillada. Extremos roscados NPT.

Check valve class 800. Piston type (2234S - S.W. ends)
 Body and cover made of forged steel ASTM A105N.
 Seat material: stainless steel stellite
 Piston: ASTM A182 F6a (trim #8/XU).
 Bolted cover. NPT thread ends.

| MED. | DN | SW | H | L |
|--------|----|------|-----|-----|
| 1/2" | 15 | 21,8 | 61 | 79 |
| 3/4" | 20 | 27,1 | 61 | 92 |
| 1" | 25 | 33,8 | 78 | 111 |
| 1 1/4" | 32 | 42,6 | 84 | 120 |
| 1 1/2" | 40 | 48,7 | 101 | 120 |
| 2" | 50 | 61,1 | 120 | 140 |



| | | | |
|----------|--------|--------|--------|
| 2234N 04 | 1/2" | 1,595 | 56,12 |
| 2234N 05 | 3/4" | 1,760 | 62,85 |
| 2234N 06 | 1" | 2,990 | 78,20 |
| 2234N 07 | 1 1/4" | 4,180 | 113,03 |
| 2234N 08 | 1 1/2" | 6,360 | 146,16 |
| 2234N 09 | 2" | 10,310 | 215,92 |

| | | | |
|----------|--------|--------|--------|
| 2234S 04 | 1/2" | 1,605 | 56,12 |
| 2234S 05 | 3/4" | 1,775 | 62,85 |
| 2234S 06 | 1" | 3,000 | 78,20 |
| 2234S 07 | 1 1/4" | 4,260 | 113,03 |
| 2234S 08 | 1 1/2" | 6,380 | 146,16 |
| 2234S 09 | 2" | 10,420 | 215,92 |

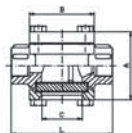
Ref. 2240



Mirillas de turbulencia doble cristal
 Construcción: cuerpo inox. AISI 316. Extremos rosca gas
 DIN 2999. Cristal: normal con tratamiento térmico bajo demanda:
 cristal "pyrex". Presión máx. de trabajo: 16 kg/cm² a 50°C
 Temp. máx. de trabajo: 200°C a 10 kg/cm².

Sight glass, double glass
 Constr. body stainless steel AISI 316. Gas DIN 2999 threaded ends.
 Glass: normal with thermal treatment. On request: "pyrex" glass.
 Max. working pressure: 16 kg/cm² at 50°C.
 Max. working temp.: 200°C at 10 kg/cm².

| DN | L | A | B | C |
|----|-----|-----|----|----|
| 15 | 100 | 70 | 64 | 40 |
| 20 | 100 | 70 | 64 | 40 |
| 25 | 120 | 88 | 72 | 50 |
| 32 | 120 | 88 | 72 | 50 |
| 40 | 150 | 123 | 96 | 65 |
| 50 | 150 | 123 | 96 | 65 |



| | | | |
|---------|--------|-------|--------|
| 2240 04 | 1/2" | 1,100 | 92,28 |
| 2240 05 | 3/4" | 1,050 | 103,45 |
| 2240 06 | 1" | 1,600 | 116,98 |
| 2240 07 | 1 1/4" | 1,750 | 147,22 |
| 2240 08 | 1 1/2" | 3,850 | 222,36 |
| 2240 09 | 2" | 4,000 | 261,74 |

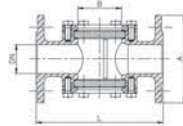
Ref. 2250



Mirillas de turbulencia doble cristal
 Construcción: cuerpo inox. AISI 316.
 Extremos bridas din PN/16. Cristal: normal con tratamiento térmico.
 Bajo demanda: cristal "pyrex".
 Presión máx. de trabajo: 16 kgs/cm² a 50°C.
 Temp. máx. de trabajo: 200°C a 10 kg/cm².

Sight glass, double glass
 Constr. body stainless steel AISI 316. Ends: flanges din PN-16
 Glass: normal with thermal treatment on request: "pyrex"
 glass. Max. working pressure: 16 kg/cm² at 50°C.
 Max. working temp.: 200°C at 10 kg/cm².

| DN | L | A | B |
|-----|-----|-----|-----|
| 15 | 130 | 95 | 40 |
| 20 | 150 | 105 | 40 |
| 25 | 160 | 115 | 50 |
| 32 | 180 | 140 | 50 |
| 40 | 200 | 150 | 65 |
| 50 | 230 | 165 | 65 |
| 65 | 290 | 185 | 100 |
| 80 | 310 | 200 | 100 |
| 100 | 350 | 220 | 125 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
| 2250 04 | 1/2" | 2,250 | 149,46 |
| 2250 05 | 3/4" | 2,800 | 173,00 |
| 2250 06 | 1" | 3,650 | 215,83 |
| 2250 07 | 1 1/4" | 5,750 | 269,54 |
| 2250 08 | 1 1/2" | 8,300 | 361,08 |
| 2250 09 | 2" | 9,800 | 438,78 |
| 2250 10 | 2 1/2" | 13,700 | 727,32 |
| 2250 11 | 3" | 16,650 | 915,05 |
| 2250 12 | 4" | 23,800 | 1.258,45 |

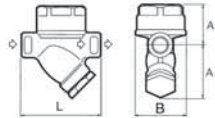
Ref. 2260



Purgador termodinámico con filtro incorporado
 PN-16, rosca gas. Cuerpo fundición nodular.
 Interno inox. Tamiz inox. Temp. máx. 220°C.

Thermodynamic trap with strainer
 PN-16, gas thread, body cast iron.
 Internal stainless steel. Sieve stainless steel. Max. temp. 220°C.

| MED. | L | A1 | A2 | B |
|------|----|----|----|----|
| 1/2" | 90 | 55 | 65 | 60 |
| 3/4" | 90 | 60 | 65 | 60 |
| 1" | 95 | 60 | 65 | 60 |



| | | | |
|---------|------|-------|--------|
| 2260 04 | 1/2" | 1,100 | 142,15 |
| 2260 05 | 3/4" | 1,200 | 145,85 |
| 2260 06 | 1" | 1,300 | 154,29 |

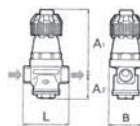
Ref. 2280



Válvula reductora de presión, vapor
 PN-16, rosca gas. Cuerpo bronce. Tapa aleación de aluminio.
 Pres. máx. entrada 16 kg/cm².
 Pres. salida 0,5-10 kg/cm². Temp. más. 204°C.

Steam pressure reducing valve
 PN-16 gas thread. Body bronze. Cover aluminium alloy.
 Max. inlet pressure: 16 kg/cm².
 Outlet pressure: 0,5-10 kg/cm². Max. temp. 204°C.

| MED. | L | A1 | A2 | B |
|------|-----|-----|----|----|
| 1/2" | 80 | 137 | 46 | 63 |
| 3/4" | 90 | 137 | 46 | 63 |
| 1" | 105 | 144 | 58 | 63 |



| | | | |
|---------|------|-------|--------|
| 2280 04 | 1/2" | 1,400 | 316,19 |
| 2280 05 | 3/4" | 1,500 | 325,16 |
| 2280 06 | 1" | 1,900 | 373,77 |

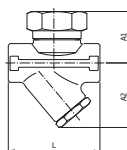
Ref. 2282



Purgador termodinámico con filtro incorporado
 PN63. Const.: acero inox. 420 (ASTM A743 Gr-CA40).
 Tamiz: AISI 304. Extremos: rosca gas DIN 2999.
 PMO: 52 bar. TMO: 400°C.

Thermodynamic steam trap with strainer
 PN63. Const. stainless steel 420 (ASTM A743 Gr-CA40).
 Strainer screen: AISI 304. Gas Threaded ends DIN 2999.
 PMO: 52 bar. TMO: 400°C

| MED. | A1 | A2 | L |
|------|----|----|----|
| 1/2" | 41 | 57 | 78 |
| 3/4" | 46 | 60 | 90 |
| 1" | 54 | 65 | 95 |



| | | | |
|---------|------|-------|--------|
| 2282 04 | 1/2" | 0,900 | 73,96 |
| 2282 05 | 3/4" | 1,200 | 83,09 |
| 2282 06 | 1" | 1,700 | 100,03 |

Ref. 2284

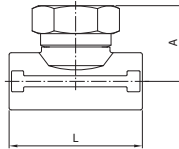
NOVEDAD
NEW



Purgador termodinámico sin filtro
PN63. Const.: acero inox. 420 (ASTM A743 Gr-CA40).
Extremos: rosca gas DIN 2999.
PMO: 52 bar. TMO: 400°C.

Thermodynamic steam trap without strainer
PN63. Const. stainless steel 420 (ASTM A743 Gr-CA40).
Gas Threaded ends DIN 2999.
PMO: 52 bar. TMO: 400°C

| MED. | A | L |
|------|----|----|
| 1/2" | 40 | 70 |
| 3/4" | 43 | 80 |
| 1" | 52 | 90 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| | | | |
|---------|------|-------|-------|
| 2284 04 | 1/2" | 0,500 | 48,39 |
| 2284 05 | 3/4" | 0,760 | 61,09 |
| 2284 06 | 1" | 1,240 | 86,02 |

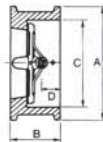
Ref. 2401



Tipo wafer. Válvula retención doble disco PN-16
Construcción: cuerpo hierro fundido GG-25. Discos inox 316.
Ejes y resortes: AISI 316. Cojinetes: PTFE. Montaje entre bridas
PN-10/16 - ANSI 150 lbs. Asiento nitrilo vulcanizado en ranura.

Wafer type. Double disk check valve PN-16
Body: cast iron GG 25. Disks stainless steel 316. Stem and
spring: AISI 316. Bearings: PTFE. Mounting between flanges
PN-10/16 - ANSI 150 lbs. Seat: nitrile vulcanised in the slot.

| DN | A | B | C | D |
|-----|-----|-----|-----|----|
| 50 | 101 | 54 | 66 | 27 |
| 65 | 120 | 54 | 78 | 27 |
| 80 | 133 | 57 | 89 | 28 |
| 100 | 164 | 64 | 117 | 30 |
| 125 | 194 | 70 | 141 | 31 |
| 150 | 220 | 76 | 168 | 31 |
| 200 | 275 | 95 | 210 | 41 |
| 250 | 330 | 108 | 265 | 41 |
| 300 | 380 | 143 | 311 | 46 |



| | | | |
|---------|--------|--------|--------|
| 2401 09 | 2" | 1,850 | 32,23 |
| 2401 10 | 2 1/2" | 2,450 | 37,80 |
| 2401 11 | 3" | 3,100 | 50,39 |
| 2401 12 | 4" | 4,650 | 62,48 |
| 2401 13 | 5" | 6,900 | 84,61 |
| 2401 14 | 6" | 9,100 | 124,48 |
| 2401 16 | 8" | 14,500 | 208,16 |
| 2401 18 | 10" | 24,650 | 314,81 |
| 2401 20 | 12" | 39,950 | 428,22 |

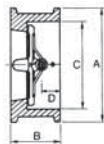
Ref. 2402



Tipo wafer. Válvula retención doble disco PN-25
Const.: AISI 316. Cojinetes PTFE - asiento vitón. Montaje entre
bridas
PN-25- ANSI 150 lbs. Asiento vitón vulcanizado en ranura.

Wafer type. Double disk check valve PN-25
Const: AISI 316. Bearings: PTFE. Mounting between flanges
PN-25- ANSI 150 lbs. Seat: vitón vulcanised in the slot.

| DN | A | B | C | D |
|-----|-----|-----|-----|----|
| 50 | 101 | 54 | 60 | 27 |
| 65 | 120 | 54 | 73 | 27 |
| 80 | 133 | 57 | 89 | 28 |
| 100 | 170 | 64 | 114 | 30 |
| 125 | 196 | 70 | 141 | 31 |
| 150 | 226 | 76 | 168 | 31 |
| 200 | 288 | 95 | 219 | 41 |
| 250 | 343 | 108 | 273 | 41 |
| 300 | 403 | 143 | 324 | 46 |



| | | | |
|---------|--------|--------|----------|
| 2402 09 | 2" | 2,050 | 128,54 |
| 2402 10 | 2 1/2" | 3,000 | 145,84 |
| 2402 11 | 3" | 4,000 | 170,25 |
| 2402 12 | 4" | 5,900 | 230,69 |
| 2402 13 | 5" | 8,050 | 314,91 |
| 2402 14 | 6" | 11,200 | 420,62 |
| 2402 16 | 8" | 24,450 | 791,64 |
| 2402 18 | 10" | 35,300 | 1.125,81 |
| 2402 20 | 12" | 64,000 | 1.712,07 |

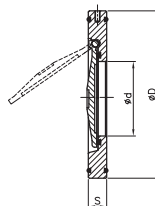
Ref. 2406



Tipo wafer. Válvula de retención a clapeta DIN PN-16
Cuerpo y disco acero INOX 316.
Junta tórica: vitón montaje entre bridas PN 10/16 - ANSI 150 lbs.

Wafer type. Disk check valve din PN-16
Body and disk in stainless steel AISI 316. O'ring: viton.
Mounting between flanges PN-10/16- ANSI 150 lbs.

| DN | d | D | S |
|-----|-----|-----|----|
| 40 | 25 | 92 | 12 |
| 50 | 32 | 105 | 14 |
| 65 | 40 | 124 | 14 |
| 80 | 54 | 136 | 14 |
| 100 | 70 | 164 | 18 |
| 125 | 92 | 194 | 18 |
| 150 | 114 | 220 | 20 |
| 200 | 154 | 275 | 22 |
| 250 | 200 | 330 | 26 |
| 300 | 230 | 384 | 30 |



| | | | |
|---------|--------|--------|----------|
| 2406 08 | 1 1/2" | 0,710 | 48,72 |
| 2406 09 | 2" | 0,800 | 52,71 |
| 2406 10 | 2 1/2" | 1,150 | 65,07 |
| 2406 11 | 3" | 1,340 | 84,26 |
| 2406 12 | 4" | 2,300 | 119,33 |
| 2406 13 | 5" | 3,100 | 153,35 |
| 2406 14 | 6" | 4,400 | 200,40 |
| 2406 16 | 8" | 7,150 | 346,14 |
| 2406 18 | 10" | 11,950 | 557,70 |
| 2406 20 | 12" | 20,500 | 1.134,16 |

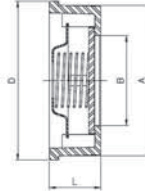
Ref. 2415



Tipo Wafer. Válvula retención disco PN-40 ≤ 100. PN-25 > DN100
 Construcción: AISI 316. disco y resorte: AISI 316. Montaje entre bridas PN 10/40. ANSI 150 lbs. Longitud s/DIN 3202 K4.

Wafer type. Disk check valve PN-40 ≤ 100. PN-25 > DN100
 Constr.: AISI 316. Disk and spring: AISI 316. Mounting between flanges PN 10/40. ANSI 150 lbs. Length: DIN 3202 K4.

| DN | PN | D | B | A | L |
|-----|----|-----|-----|-----|-----|
| 15 | 40 | 39 | 15 | 34 | 16 |
| 20 | 40 | 46 | 20 | 41 | 19 |
| 25 | 40 | 54 | 25 | 49 | 22 |
| 32 | 40 | 70 | 32 | 62 | 28 |
| 40 | 40 | 81 | 40 | 71 | 32 |
| 50 | 40 | 94 | 48 | 85 | 40 |
| 65 | 40 | 113 | 62 | 102 | 46 |
| 80 | 40 | 132 | 75 | 123 | 50 |
| 100 | 40 | 150 | 95 | 140 | 60 |
| 125 | 25 | 187 | 118 | 177 | 90 |
| 150 | 25 | 217 | 140 | 205 | 106 |
| 200 | 25 | 274 | 185 | 261 | 140 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|--------|----------|
| 2415 04 | 1/2" | 0,085 | 10,37 |
| 2415 05 | 3/4" | 0,122 | 13,34 |
| 2415 06 | 1" | 0,198 | 18,71 |
| 2415 07 | 1 1/4" | 0,380 | 28,59 |
| 2415 08 | 1 1/2" | 0,520 | 38,67 |
| 2415 09 | 2" | 0,775 | 54,50 |
| 2415 10 | 2 1/2" | 1,240 | 86,93 |
| 2415 11 | 3" | 1,865 | 121,63 |
| 2415 12 | 4" | 2,650 | 174,99 |
| 2415 13 | 5" | 5,500 | 386,46 |
| 2415 14 | 6" | 8,300 | 544,65 |
| 2415 16 | 8" | 16,100 | 1.073,70 |

Ref. 2413

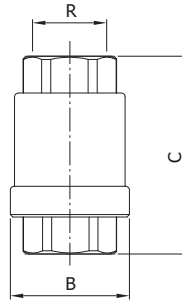
NOVEDAD
NEW



Válvula de retención a disco PN 63
 Construcción: acero inox. CF8M (316) microfundición. Extremos: rosca gas DIN 2999. Asiento: PTFE.
 PN63, Temp: -20°C +200°C.

Disk check valve PN 63
 Const. stainless steel CF8M (316) investment casting. Gas Threaded ends DIN 2999. Seat: PTFE.
 PN63, Temp: -20°C +200°C.

| DN | R | B | C |
|----|------|----|----|
| 15 | 1/2" | 37 | 56 |
| 20 | 3/4" | 42 | 63 |
| 25 | 1" | 48 | 74 |



| | | | |
|---------|------|-------|-------|
| 2413 04 | 1/2" | 0,210 | 19,19 |
| 2413 05 | 3/4" | 0,290 | 23,99 |
| 2413 06 | 1" | 0,400 | 31,53 |

Ref. 2416

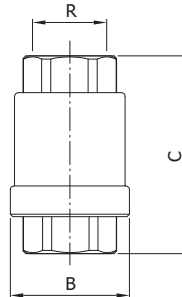
NOVEDAD
NEW



Válvula de retención a disco PN 63
 Construcción: acero inox. CF8M (316) microfundición. Extremos: rosca gas DIN 2999. Disco y resorte: AISI 316. PN63, Temp: -20°C +240°C.

Disk check valve PN 63
 Const. stainless steel CF8M (316) investment casting. Gas Threaded ends DIN 2999. Disk and spring: AISI 316. PN63, Temp: -20°C +240°C.

| DN | R | B | C |
|-----|--------|-------|-----|
| 8 | 1/4" | 30,5 | 53 |
| 10 | 3/8" | 30,5 | 53 |
| 15 | 1/2" | 37 | 56 |
| 20 | 3/4" | 42 | 63 |
| 25 | 1" | 48 | 74 |
| 32 | 1 1/4" | 58 | 81 |
| 40 | 1 1/2" | 70 | 91 |
| 50 | 2" | 82 | 97 |
| 65 | 2 1/2" | 102,5 | 118 |
| 80 | 3" | 120 | 138 |
| 100 | 4" | 150 | 158 |



| | | | |
|---------|--------|-------|--------|
| 2416 02 | 1/4" | 0,180 | 16,45 |
| 2416 03 | 3/8" | 0,170 | 16,45 |
| 2416 04 | 1/2" | 0,210 | 17,48 |
| 2416 05 | 3/4" | 0,290 | 22,28 |
| 2416 06 | 1" | 0,400 | 29,13 |
| 2416 07 | 1 1/4" | 0,650 | 42,16 |
| 2416 08 | 1 1/2" | 0,980 | 57,92 |
| 2416 09 | 2" | 1,400 | 77,80 |
| 2416 10 | 2 1/2" | 2,440 | 136,75 |
| 2416 11 | 3" | 3,800 | 203,59 |
| 2416 12 | 4" | 6,600 | 331,77 |

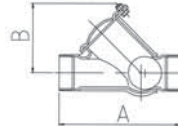
Ref. 2417



Válvula retención a bola
 Construcción: cuerpo en acero inox AISI 316.
 Bola en aluminio recubierta en NBR.
 Extremos rosca gas PN-16. Temp.: 0°C + 90°C.

Ball check valve
 Body: stainless steel AISI 316. Ball: aluminium +NBR.
 Gas threaded ends, PN16. Temp.: 0°C +90°C.

| MED. | A | B |
|--------|-----|-----|
| 1 1/4" | 175 | 99 |
| 1 1/2" | 190 | 99 |
| 2" | 210 | 112 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|-------|--------|
| 2417 07 | 1 1/4" | 1,100 | 158,55 |
| 2417 08 | 1 1/2" | 1,150 | 162,61 |
| 2417 09 | 2" | 1,600 | 178,88 |

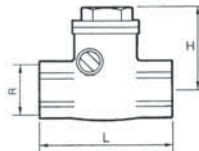
Ref. 2430 - 2430N



Válvula retención a clapeta oscilante PN-16. (2430N- Rosca NPT)
 Construcción: inox. CF8M (316) microfundición)
 Juntas: PTFE conexión: rosca gas DIN 259)
 Presión máx.: 16 kg/cm² a 120°C)
 10 kg/cm² a 180°C)
 Temp. mín.: -30°C.

Swing check valve PN-16 (2430N- NPT thread)
 Constr. stainless steel CF8M (316) investment casting
 Seals: PTFE: gas threaded ends DIN 259
 Máx. pressure: 16 kg/cm² at 120°C
 10 kg/cm² at 180°C
 Min. Temp.: -30°C

| R | DN | L | H |
|--------|----|-----|----|
| 1/2" | 15 | 65 | 44 |
| 3/4" | 20 | 80 | 53 |
| 1" | 25 | 90 | 58 |
| 1 1/4" | 32 | 105 | 62 |
| 1 1/2" | 40 | 120 | 73 |
| 2" | 50 | 141 | 78 |



| | | | |
|---------|--------|-------|--------|
| 2430 04 | 1/2" | 0,312 | 42,11 |
| 2430 05 | 3/4" | 0,490 | 51,25 |
| 2430 06 | 1" | 0,724 | 68,95 |
| 2430 07 | 1 1/4" | 1,042 | 90,27 |
| 2430 08 | 1 1/2" | 1,650 | 127,68 |
| 2430 09 | 2" | 2,392 | 156,48 |

Precios rosca NPT a consultar / NPT thread prices on request

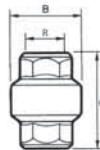
Ref. 2440



Válvula retención "Cromax" - "Idrja"
 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.

"Cromax" check valve "Idrja"
 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 |
|-----|--------|-----|-----|
| 8 | 1/4" | 32 | 54 |
| 12 | 3/8" | 32 | 54 |
| 15 | 1/2" | 32 | 54 |
| 20 | 3/4" | 44 | 68 |
| 25 | 1" | 53 | 83 |
| 32 | 1 1/4" | 62 | 102 |
| 40 | 1 1/2" | 78 | 115 |
| 50 | 2" | 86 | 120 |
| 65 | 2 1/2" | 108 | 145 |
| 80 | 3" | 128 | 160 |
| 100 | 4" | 163 | 190 |



| | | | |
|---------|--------|-------|--------|
| 2440 02 | 1/4" | 0,136 | 18,24 |
| 2440 03 | 3/8" | 0,122 | 18,24 |
| 2440 04 | 1/2" | 0,088 | 18,41 |
| 2440 05 | 3/4" | 0,142 | 21,94 |
| 2440 06 | 1" | 0,167 | 25,78 |
| 2440 07 | 1 1/4" | 0,270 | 34,15 |
| 2440 08 | 1 1/2" | 0,408 | 39,38 |
| 2440 09 | 2" | 0,620 | 88,93 |
| 2440 10 | 2 1/2" | 1,200 | 149,85 |
| 2440 11 | 3" | 1,973 | 207,38 |
| 2440 12 | 4" | 3,280 | 345,69 |

Ref. 2442



Filtro válvula retención inox 304
 Construcción: AISI 304 malla AISI 304. Extremos roscado
 Gas exterior PN 16 bar.
 Diámetro malla: 1/2" a 2": máx. 1 mm.
 2 1/2" a 4": máx. 1,9 mm.

Strainer for check valve
 Const. stainless steel AISI 304. Sieve AISI 304, external gas.
 threaded ends PN 16 bar. Sieve diameter: 1/2" to 2": max. 1 mm.
 2 1/2" to 4": max. 1,9 mm.

| A | B | C | D | E | F | G | H |
|--------|------|-------|------|------|-----|----|----|
| 1/2" | 56,5 | 17,5 | 22 | 23 | 4 | 10 | 15 |
| 3/4" | 62,5 | 22 | 28 | 29 | 4 | 10 | 15 |
| 1" | 70 | 28,5 | 36 | 37 | 4 | 10 | 15 |
| 1 1/4" | 80 | 36,5 | 43 | 44 | 5 | 14 | 20 |
| 1 1/2" | 90 | 42,5 | 48 | 49 | 5 | 14 | 20 |
| 2" | 100 | 54,5 | 61 | 62 | 5,5 | 14 | 20 |
| 2 1/2" | 115 | 70,5 | 79,5 | 80,5 | 5,5 | 16 | 25 |
| 3" | 125 | 83 | 92 | 93 | 6 | 16 | 25 |
| 4" | 145 | 108,5 | 116 | 117 | 6 | 16 | 25 |



| | | | |
|---------|--------|-------|-------|
| 2442 04 | 1/2" | 0,016 | 5,70 |
| 2442 05 | 3/4" | 0,022 | 6,71 |
| 2442 06 | 1" | 0,034 | 7,91 |
| 2442 07 | 1 1/4" | 0,054 | 8,84 |
| 2442 08 | 1 1/2" | 0,064 | 10,63 |
| 2442 09 | 2" | 0,096 | 13,32 |
| 2442 10 | 2 1/2" | 0,136 | 36,11 |
| 2442 11 | 3" | 0,156 | 38,00 |
| 2442 12 | 4" | 0,202 | 38,00 |

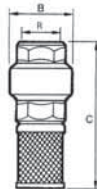
Ref. 2441



Válvula retención pie "Cromax" - "Idrja"
 Construcción: AISI 304 -asiento vitón. Extremos rosca gas DIN 2999. Temp. de trabajo, mín. -25°C -máx. +150°C. Presión de trabajo, 16 bar. Presión de apertura, 0,03 bar.

"Cromax" foot check valve - "Idrja"
 Constr.: AISI 304 – seat viton. Gas threaded ends DIN 2999. Working temp. Min. -25°C max. + 150°C. Working pressure: 16 bar. Opening pressure: 0,03 bar.

| DN | R | B | C |
|-----|--------|-----|-----|
| 15 | 1/2" | 32 | 100 |
| 20 | 3/4" | 42 | 121 |
| 25 | 1" | 52 | 143 |
| 32 | 1 1/4" | 67 | 168 |
| 40 | 1 1/2" | 77 | 191 |
| 50 | 2" | 86 | 206 |
| 65 | 2 1/2" | 108 | 244 |
| 80 | 3" | 128 | 270 |
| 100 | 4" | 163 | 320 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|-------|--------|
| 2441 04 | 1/2" | 0,104 | 24,27 |
| 2441 05 | 3/4" | 0,164 | 28,79 |
| 2441 06 | 1" | 0,201 | 32,88 |
| 2441 07 | 1 1/4" | 0,324 | 43,46 |
| 2441 08 | 1 1/2" | 0,472 | 48,88 |
| 2441 09 | 2" | 0,716 | 103,43 |
| 2441 10 | 2 1/2" | 1,336 | 188,06 |
| 2441 11 | 3" | 2,129 | 241,90 |
| 2441 12 | 4" | 3,482 | 393,24 |

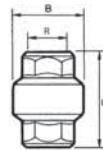
Ref. 2445



Válvula retención "Cromax" - "Idrja"
 Construcción: AISI 316 -asiento vitón. Extremos rosca gas DIN 2999. Temp. de trabajo, mín. -25°C -máx. +150°C. Presión de trabajo, 16 bar. Presión de apertura, 0,03 bar.

"Cromax" check valve "Idrja"
 Constr.: AISI 316 – seat viton. Gas threaded ends DIN 2999. Working temp. min.-25°C max. + 150°C. Working pressure: 16 bar. Opening pressure: 0.03 bar.

| DN | R | B | C |
|-----|--------|-----|-----|
| 8 | 1/4" | 32 | 54 |
| 12 | 3/8" | 32 | 54 |
| 15 | 1/2" | 32 | 54 |
| 20 | 3/4" | 42 | 68 |
| 25 | 1" | 52 | 83 |
| 32 | 1 1/4" | 67 | 102 |
| 40 | 1 1/2" | 77 | 115 |
| 50 | 2" | 86 | 120 |
| 65 | 2 1/2" | 108 | 145 |
| 80 | 3" | 128 | 160 |
| 100 | 4" | 163 | 190 |



| | | | |
|---------|--------|-------|--------|
| 2445 02 | 1/4" | 0,136 | 43,07 |
| 2445 03 | 3/8" | 0,122 | 34,67 |
| 2445 04 | 1/2" | 0,088 | 33,79 |
| 2445 05 | 3/4" | 0,142 | 41,66 |
| 2445 06 | 1" | 0,167 | 47,44 |
| 2445 07 | 1 1/4" | 0,270 | 66,90 |
| 2445 08 | 1 1/2" | 0,408 | 71,36 |
| 2445 09 | 2" | 0,620 | 141,77 |
| 2445 10 | 2 1/2" | 1,200 | 221,40 |
| 2445 11 | 3" | 1,972 | 325,68 |
| 2445 12 | 4" | 3,280 | 487,47 |

Ref. 2447



Filtro válvula retención
 Construcción: AISI 316 malla AISI 316. Extremos roscado gas exterior PN 16 bar. Diámetro malla: 1/2" a 2": máx. 1 mm 2 1/2" a 4": máx. 1,9 mm.

Strainer for check valve
 Const.: sieve stainless steel AISI 316. Steel AISI 316. External gas threaded ends PN-16 bar. Sieve diameter: 1/2" to 2": max. 1 mm. 2 1/2" to 4": max. 1,9 mm.

| A | B | C | D | E | F | G | H |
|--------|------|-------|------|------|-----|----|----|
| 1/2" | 56,5 | 17,5 | 22 | 23 | 4 | 10 | 15 |
| 3/4" | 62,5 | 22 | 28 | 29 | 4 | 10 | 15 |
| 1" | 70 | 28,5 | 36 | 37 | 4 | 10 | 15 |
| 1 1/4" | 80 | 36,5 | 43 | 44 | 5 | 14 | 20 |
| 1 1/2" | 90 | 42,5 | 48 | 49 | 5 | 14 | 20 |
| 2" | 100 | 54,5 | 61 | 62 | 5,5 | 14 | 20 |
| 2 1/2" | 115 | 70,5 | 79,5 | 80,5 | 5,5 | 16 | 25 |
| 3" | 125 | 83 | 92 | 93 | 6 | 16 | 25 |
| 4" | 145 | 108,5 | 116 | 117 | 6 | 16 | 25 |



| | | | |
|---------|--------|-------|-------|
| 2447 04 | 1/2" | 0,016 | 8,85 |
| 2447 05 | 3/4" | 0,022 | 10,45 |
| 2447 06 | 1" | 0,034 | 12,46 |
| 2447 07 | 1 1/4" | 0,054 | 14,14 |
| 2447 08 | 1 1/2" | 0,064 | 16,81 |
| 2447 09 | 2" | 0,096 | 25,02 |
| 2447 10 | 2 1/2" | 0,136 | 54,91 |
| 2447 11 | 3" | 0,156 | 57,02 |
| 2447 12 | 4" | 0,202 | 63,33 |

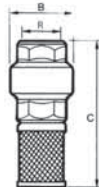
Ref. 2446



Válvula retención pie "Cromax" - "Irdja"
 Construcción: AISI 316 - 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.

"Cromax" foot check valve - "Irdja"
 Constr.: AISI 316 - seat viton. Gas threaded ends DIN 2999. Working temp. min. -25°C max. + 150°C. Working pressure: 16 bar. Opening pressure: 0.03 bar.

| DN | R | B | C |
|-----|--------|-----|-----|
| 15 | 1/2" | 32 | 100 |
| 20 | 3/4" | 42 | 121 |
| 25 | 1" | 52 | 143 |
| 32 | 1 1/4" | 67 | 168 |
| 40 | 1 1/2" | 77 | 191 |
| 50 | 2" | 86 | 206 |
| 65 | 2 1/2" | 108 | 244 |
| 80 | 3" | 128 | 270 |
| 100 | 4" | 163 | 320 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|-------|--------|
| 2446 04 | 1/2" | 0,104 | 46,19 |
| 2446 05 | 3/4" | 0,164 | 51,90 |
| 2446 06 | 1" | 0,201 | 60,49 |
| 2446 07 | 1 1/4" | 0,324 | 80,73 |
| 2446 08 | 1 1/2" | 0,472 | 92,98 |
| 2446 09 | 2" | 0,716 | 166,75 |
| 2446 10 | 2 1/2" | 1,336 | 278,61 |
| 2446 11 | 3" | 2,129 | 398,56 |
| 2446 12 | 4" | 3,482 | 598,94 |

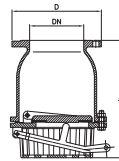
Ref. 2448



Válvula de retención de pie con brida DIN PN 16
 Construcción en acero inoxidable 316 (CF8M) Asiento de vitón, junta PTFE. Con sistema manual de vaciado Presión máxima de trabajo 16 bar.

Foot check valve with DIN PN 16 flange end
 Stainless steel material AISI 316 (CF8M). Seat viton material, gasket PTFE. With manual system to empty Max. working pressure 16 bar.

| MED | DN | D | L |
|--------|-----|-----|-----|
| 2" | 50 | 165 | 170 |
| 2 1/2" | 65 | 185 | 183 |
| 3" | 80 | 200 | 198 |
| 4" | 100 | 220 | 242 |
| 5" | 125 | 250 | 282 |
| 6" | 150 | 285 | 326 |
| 8" | 200 | 340 | 440 |



| | | | |
|---------|--------|--------|----------|
| 2448 09 | 2" | 5,200 | 262,41 |
| 2448 10 | 2 1/2" | 6,900 | 339,46 |
| 2448 11 | 3" | 9,600 | 464,87 |
| 2448 12 | 4" | 14,600 | 704,18 |
| 2448 13 | 5" | 19,400 | 904,54 |
| 2448 14 | 6" | 28,900 | 1.343,55 |
| 2448 16 | 8" | 52,100 | 2.333,36 |

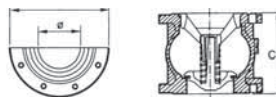
Ref. 2450



Válvula retención a disco con bridas Din PN-16
 Cuerpo: fund. hierro GG-25. Disco: fund. hierro GG-25. Guía: DN 50-80 latón DIN -17660. Guía: DN 100-250 fund. GG-25. Soporte: latón DIN 17660. Cierre blando: NBR 80 SH.

Disk check valve with flanges DIN PN-16
 Body and disk: cast iron GG-25. Guide: DN 50-80 brass DIN 17660. Guide: DN 100-250 cast iron GG-25. Bracket: brass DIN 17660. Locking device: NBR 80 SH.

| MED. | Ø | B | C |
|--------|-----|-----|-----|
| 2" | 51 | 165 | 100 |
| 2 1/2" | 63 | 185 | 120 |
| 3" | 80 | 200 | 140 |
| 4" | 100 | 220 | 170 |
| 5" | 125 | 250 | 200 |
| 6" | 150 | 285 | 230 |
| 8" | 200 | 340 | 300 |
| 10" | 250 | 405 | 370 |



| | | | |
|---------|--------|--------|--------|
| 2450 09 | 2" | 5,650 | 67,51 |
| 2450 10 | 2 1/2" | 7,850 | 104,16 |
| 2450 11 | 3" | 10,050 | 113,29 |
| 2450 12 | 4" | 13,250 | 145,83 |
| 2450 13 | 5" | 21,300 | 165,49 |
| 2450 14 | 6" | 29,150 | 288,44 |
| 2450 16 | 8" | 48,150 | 375,11 |
| 2450 18 | 10" | 82,000 | 546,75 |

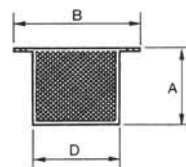
Ref. 2451



Filtro colador para ensamblar - brida PN-16
 Construcción acero zincado.

Strainer for assembling - flange PN-16
 Constr.: in zinc plated steel.

| MED. | A | B | D |
|--------|-----|-----|-----|
| 2" | 80 | 155 | 110 |
| 2 1/2" | 100 | 175 | 130 |
| 3" | 125 | 200 | 145 |
| 4" | 150 | 210 | 165 |
| 5" | 180 | 240 | 195 |
| 6" | 205 | 275 | 220 |
| 8" | 255 | 330 | 275 |
| 10" | 300 | 385 | 330 |



| | | | |
|---------|--------|-------|--------|
| 2451 09 | 2" | 0,500 | 18,44 |
| 2451 10 | 2 1/2" | 0,600 | 24,84 |
| 2451 11 | 3" | 1,000 | 33,56 |
| 2451 12 | 4" | 1,190 | 43,77 |
| 2451 13 | 5" | 1,625 | 55,47 |
| 2451 14 | 6" | 2,125 | 66,45 |
| 2451 16 | 8" | 3,100 | 80,43 |
| 2451 18 | 10" | 4,300 | 107,14 |

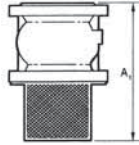
Ref. 2452



Válvula de retención art. 2450 con filtro colador art. 2451

Check valve art. 2450 with strainer art.2451

| MED. | A |
|--------|-----|
| 2" | 180 |
| 2 1/2" | 220 |
| 3" | 265 |
| 4" | 320 |
| 5" | 380 |
| 6" | 435 |
| 8" | 555 |
| 10" | 670 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| | | | |
|---------|--------|--------|--------|
| 2452 09 | 2" | 6,150 | 88,15 |
| 2452 10 | 2 1/2" | 8,450 | 129,32 |
| 2452 11 | 3" | 11,050 | 153,58 |
| 2452 12 | 4" | 14,440 | 197,49 |
| 2452 13 | 5" | 22,930 | 225,66 |
| 2452 14 | 6" | 31,200 | 352,35 |
| 2452 16 | 8" | 51,250 | 402,12 |
| 2452 18 | 10" | 86,300 | 592,33 |

Ref. 2453



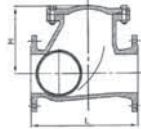
Válvula retención a bola - bridas DIN PN-16

Cuerpo fundido hierro GGG-40. Esfera recubierta con NBR. Presión máx: 16 kg/cm². Temperatura: -10°C + 80°C. Dimensiones entre caras según DIN 3202 F6.

Check valve with ball - flanges DIN PN-16

Body and disk: cast iron GGG - 40. ball: with NBR coated. Max. pressure: 16 kg/cm². Temp.: -10°C + 80°C. Dimensions between sides DIN 3202 F6.

| MED. | DN | PN | H | L |
|--------|-----|----|-----|-----|
| 2" | 50 | 16 | 106 | 200 |
| 2 1/2" | 65 | 16 | 129 | 240 |
| 3" | 80 | 16 | 146 | 260 |
| 4" | 100 | 16 | 194 | 300 |
| 5" | 125 | 16 | 207 | 350 |
| 6" | 150 | 16 | 240 | 400 |
| 8" | 200 | 16 | 322 | 500 |
| 10" | 250 | 16 | 388 | 600 |



| | | | |
|---------|--------|---------|----------|
| 2453 09 | 2" | 7,900 | 114,00 |
| 2453 10 | 2 1/2" | 11,100 | 127,48 |
| 2453 11 | 3" | 15,200 | 161,08 |
| 2453 12 | 4" | 21,100 | 208,12 |
| 2453 13 | 5" | 33,300 | 346,05 |
| 2453 14 | 6" | 44,400 | 411,67 |
| 2453 16 | 8" | 84,400 | 920,40 |
| 2453 18 | 10" | 145,000 | 1.571,44 |

Ref. 2460 - 2460N



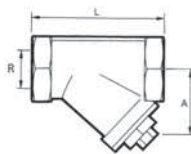
Art. 2460N rosca NPT. Filtro - Y PN 40 - rosca gas

Construcción: inox. CF8M (316) microfusión. Juntas: PTFE. Conexión: rosca gas DIN 2999. Presión de trabajo: 40 kg/cm². Temperatura: -30°C + 240°C. Tamiz: AISI 316 chapa perforada (ver d1).

"Y" strainer PN 40 (2460N - NPT thread)

Constr. stainless steel CF8M (316) investment casting. Seat: PTFE: gas threaded end DIN 2999. Working pressure: 40 kg/cm². Temperature: -30°C + 240°C. Screen: AISI 316 perforated plate (see d1).

| DN | A | L | d1 |
|--------|----|-----|----|
| 1/4" | 30 | 65 | 1 |
| 3/8" | 30 | 65 | 1 |
| 1/2" | 40 | 65 | 1 |
| 3/4" | 45 | 80 | 1 |
| 1" | 55 | 90 | 1 |
| 1 1/4" | 65 | 105 | 1 |
| 1 1/2" | 70 | 120 | 1 |
| 2" | 85 | 140 | 1 |



| | | | |
|---------|--------|-------|-------|
| 2460 02 | 1/4" | 0,295 | 12,18 |
| 2460 03 | 3/8" | 0,213 | 12,18 |
| 2460 04 | 1/2" | 0,220 | 12,18 |
| 2460 05 | 3/4" | 0,350 | 19,20 |
| 2460 06 | 1" | 0,657 | 27,60 |
| 2460 07 | 1 1/4" | 0,770 | 41,43 |
| 2460 08 | 1 1/2" | 1,150 | 55,25 |
| 2460 09 | 2" | 1,765 | 76,59 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 2461



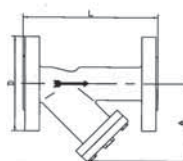
Filtro - Y bridas DIN PN-16

Construcción: AISI 316. Juntas: PTFE conexión: bridas DIN PN-16. Presión de trabajo: 16 kg/cm². Temp.: -30°C + 240°C. Tamiz: AISI 316 chapa perforada (ver d1).

Flanged "Y" strainer PN-16

Constr. AISI 316. Gaskets: PTFE ends: flanges DIN PN-16. Working pressure: 16 kg/cm². Temperature: -30°C + 240°C. Screen: AISI 316 perforated plate (see d1).

| DN | A | D | L | d1 |
|-----|-----|-----|-----|----|
| 15 | 75 | 95 | 130 | 1 |
| 20 | 90 | 105 | 150 | 1 |
| 25 | 100 | 115 | 160 | 1 |
| 32 | 115 | 140 | 180 | 1 |
| 40 | 130 | 150 | 200 | 1 |
| 50 | 150 | 165 | 230 | 1 |
| 65 | 190 | 185 | 290 | 2 |
| 80 | 200 | 200 | 310 | 2 |
| 100 | 230 | 220 | 350 | 2 |
| 125 | 280 | 250 | 400 | 2 |
| 150 | 300 | 285 | 480 | 2 |
| 200 | 400 | 340 | 605 | 2 |



| | | | |
|---------|--------|---------|----------|
| 2461 04 | 1/2" | 1,950 | 109,47 |
| 2461 05 | 3/4" | 2,750 | 131,44 |
| 2461 06 | 1" | 3,700 | 164,75 |
| 2461 07 | 1 1/4" | 5,900 | 262,88 |
| 2461 08 | 1 1/2" | 6,400 | 276,01 |
| 2461 09 | 2" | 8,900 | 359,27 |
| 2461 10 | 2 1/2" | 12,950 | 517,05 |
| 2461 11 | 3" | 18,150 | 660,54 |
| 2461 12 | 4" | 24,300 | 1.013,82 |
| 2461 13 | 5" | 38,350 | 1.824,72 |
| 2461 14 | 6" | 61,300 | 2.418,33 |
| 2461 16 | 8" | 115,000 | 4.136,53 |

Ref. 2461A

NOVEDAD
NEW



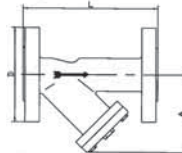
Filtro – Y bridas ANSI B 16.5 S-150

Construcción: AISI 316. Juntas: PTFE.
- Conexión: bridas ANSI.
Clase 150. Presión de trabajo: 19 Kgs/cm².
Temp.: -30°C +240°C.
Tamiz: AISI 316 chapa perforada (ver d1).

Strainer Y. Flanged ANSI B 16.5 S-150

Construction: AISI 316. Gasket: PTFE. Connection: flanged ANSI
Class 150. Working pressure: 19 Kg/cm².
Temp.: -30°C +240°C. Screen: AISI 316 perforated plate (see d1).

| MED. | A | D | L | d1 |
|--------|-----|-----|-----|----|
| 2" | 140 | 152 | 210 | 2 |
| 2 1/2" | 175 | 178 | 250 | 2 |
| 3" | 200 | 190 | 280 | 2 |
| 4" | 245 | 229 | 340 | 2 |
| 6" | 320 | 279 | 420 | 2 |
| 8" | 392 | 343 | 500 | 2 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| | | | |
|----------|--------|--------|----------|
| 2461A 09 | 2" | 7,000 | 457,57 |
| 2461A 10 | 2 1/2" | 10,900 | 656,47 |
| 2461A 11 | 3" | 14,800 | 835,55 |
| 2461A 12 | 4" | 23,200 | 1.392,65 |
| 2461A 14 | 6" | 41,000 | 2.506,69 |
| 2461A 16 | 8" | 69,000 | 4.177,83 |

Ref. 2525



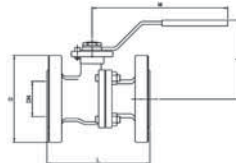
Válvula esfera paso total 2 piezas bridas DIN PN-16 montaje directo de actuadores S/ISO 5211

Cuerpo: fundición nodular GGG-40. Esfera y eje: AISI 304.
Asientos: PTFE + 15% FV. Tórica eje: vitón. Presión máx.:
16 kg/cm². Temp. -30°C + 180°C. Mando manual por palanca
con sistema de bloqueo. L: S/DIN 3202 F-4.

2 pcs. Full bore ball valve flanges DIN PN-16

Body: ductil iron GGG-40. Ball and stem: AISI 304.
Seats: PTFE + 15% GF. Stem o'ring: vitón.
Max. pressure: 16 kg/cm². Temp. -30°C + 180°C.
Manually operated by handle with locking system.
L: S/DIN 3202 F-4.

| MED. | DN | D | L | M | A | ISO 5211 |
|--------|-----|-----|-----|------|-----|----------|
| 1/2" | 15 | 95 | 115 | 130 | 80 | F03/F04 |
| 3/4" | 20 | 105 | 120 | 130 | 80 | F03/F04 |
| 1" | 25 | 115 | 125 | 170 | 90 | F04/F05 |
| 1 1/4" | 32 | 140 | 130 | 170 | 102 | F04/F05 |
| 1 1/2" | 40 | 150 | 140 | 220 | 110 | F05/F07 |
| 2" | 50 | 165 | 150 | 220 | 120 | F05/F07 |
| 2 1/2" | 65 | 185 | 170 | 284 | 140 | F07/F10 |
| 3" | 80 | 200 | 180 | 284 | 150 | F07/F10 |
| 4" | 100 | 220 | 190 | 360 | 180 | F07/F10 |
| 5" | 125 | 250 | 325 | 447 | 215 | F07/F10 |
| 6" | 150 | 285 | 350 | 560 | 240 | F10/F12 |
| 8" | 200 | 340 | 400 | 1000 | 320 | F12/F14 |



| | | | |
|---------|--------|--------|----------|
| 2525 04 | 1/2" | 2,300 | 55,52 |
| 2525 05 | 3/4" | 2,900 | 63,10 |
| 2525 06 | 1" | 4,000 | 80,09 |
| 2525 07 | 1 1/4" | 5,600 | 95,57 |
| 2525 08 | 1 1/2" | 7,000 | 118,72 |
| 2525 09 | 2" | 9,400 | 141,24 |
| 2525 10 | 2 1/2" | 13,000 | 220,77 |
| 2525 11 | 3" | 18,400 | 287,66 |
| 2525 12 | 4" | 26,000 | 419,21 |
| 2525 13 | 5" | 36,000 | 879,43 |
| 2525 14 | 6" | 49,500 | 1.258,10 |
| 2525 16 | 8" | 96,000 | 2.712,94 |

Ref. 2526A



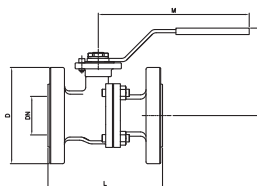
Válvula esfera paso total 2 piezas bridas ANSI B 16.5 S-150 Montaje directo de actuadores s/ISO 5211.

Diseño fire safe. Dispositivo antiestático.
Cuerpo: acero al carbono WCB (microfundición).
Esfera y eje: AISI 316. Asientos: PTFE + 25 % Grafito.
Tórica eje: vitón. Presión máx.: 19 kg/cm².
Temp. -30°C + 180°C. Mando manual por palanca con sistema
de bloqueo.

2 pcs. Full bore ball valve flanges ANSI B 16.5 S-150

Direct mounting for actuators s/ISO 5211.
Fire safe design. Antistatic device
Body: carbon steel WCB (investment casting).
Ball and stem: AISI 316. Seats: PTFE + 25 % Graphite.
Stem o'ring: viton. Max. pressure: 19 kg/cm².
Temp. -30°C + 180°C. Manually operated by handle with
locking system.

| MED. | ISO 5211 | DN | D | L | M | A |
|--------|-----------|-----|-------|-----|-----|-----|
| 1/2" | F-04 | 15 | 89 | 108 | 165 | 90 |
| 3/4" | F-04/F-05 | 20 | 98,6 | 117 | 165 | 95 |
| 1" | F-04/F-05 | 25 | 108 | 127 | 165 | 95 |
| 1 1/4" | F-05/F-07 | 32 | 117 | 140 | 165 | 106 |
| 1 1/2" | F-05/F-07 | 40 | 127 | 165 | 200 | 110 |
| 2" | F-05/F-07 | 50 | 152,5 | 178 | 200 | 118 |
| 2 1/2" | F-07/F-10 | 65 | 177,8 | 190 | 400 | 160 |
| 3" | F-07/F-10 | 80 | 190,5 | 203 | 400 | 170 |
| 4" | F-07/F-10 | 100 | 228,6 | 229 | 400 | 186 |
| 6" | F-10/F-12 | 150 | 279,4 | 394 | 800 | 280 |



| | | | |
|----------|--------|--------|----------|
| 2526A 04 | 1/2" | 1,500 | 37,97 |
| 2526A 05 | 3/4" | 2,150 | 50,33 |
| 2526A 06 | 1" | 2,870 | 69,55 |
| 2526A 07 | 1 1/4" | 3,950 | 96,53 |
| 2526A 08 | 1 1/2" | 5,800 | 133,99 |
| 2526A 09 | 2" | 8,400 | 197,66 |
| 2526A 10 | 2 1/2" | 13,500 | 328,73 |
| 2526A 11 | 3" | 17,800 | 433,10 |
| 2526A 12 | 4" | 30,500 | 742,68 |
| 2526A 14 | 6" | 57,000 | 1.890,35 |

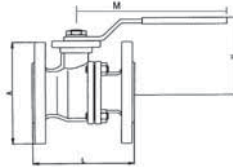
Ref. 2528



Bridas DIN PN -40 <DN -50
Bridas DIN PN -16 >DN -50
Válvula esfera paso total 2 piezas diseño "fire safe" montaje directo de actuadores S/ISO 5211
 Cuerpo: inox. CF8M (316) microfusion.
 Asientos y juntas: PTFE +15% FV tórica eje: vitón.
 Dispositivo antiestático. Presión máx.: 40/16 kg/cm² según medida.
 Temp.: -30°C + 180°C. Mando manual por palanca.
 Long: S/DIN 3202 F-4 DN 15 DN 100 F-5 DN 125 DN 200.

Flanges DIN PN -40 <DN -50
Flanges DIN PN -16 >DN -50
2 pcs. Full bore ball valve fire-safe design direct mounting for actuators ISO 5211
 Body: Stainless steel. CF8M (316) investment casting.
 Seats: PTFE + 15% GF stem o'ring: viton. Anti-static device.
 Max. pressure: 40/16 kg/cm² depending on size.
 Temp.: -30°C + 180°C. manually operated by handle.
 L: DIN 3202 F-4 DN 15 DN 100 F-5 DN 125 DN 200.

| MED. | ISO 5211 | PN | Dimensiones / Dimensions mm | | | |
|--------|-----------|----|-----------------------------|-----|-----|-----|
| | | | A | H | L | M |
| 1/2" | F-04 | 40 | 95 | 85 | 115 | 170 |
| 3/4" | F-04/F-05 | 40 | 105 | 85 | 120 | 170 |
| 1" | F-04/F-05 | 40 | 116 | 95 | 125 | 170 |
| 1 1/4" | F-05/F-07 | 40 | 140 | 106 | 130 | 200 |
| 1 1/2" | F-05/F-07 | 40 | 150 | 110 | 140 | 200 |
| 2" | F-05/F-07 | 40 | 165 | 118 | 150 | 200 |
| 2 1/2" | F-07/F-10 | 16 | 185 | 170 | 170 | 380 |
| 3" | F-07/F-10 | 16 | 200 | 170 | 180 | 380 |
| 4" | F-07/F-10 | 16 | 220 | 170 | 190 | 380 |
| 5" | F-10/F-12 | 16 | 250 | 200 | 325 | 520 |
| 6" | F-10/F-12 | 16 | 285 | 220 | 350 | 620 |
| 8" | F-12 | 16 | 340 | 300 | 400 | 550 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2528 04 | 1/2" | 2,200 | 100,76 |
| 2528 05 | 3/4" | 3,050 | 116,95 |
| 2528 06 | 1" | 3,750 | 145,23 |
| 2528 07 | 1 1/4" | 5,750 | 223,88 |
| 2528 08 | 1 1/2" | 7,000 | 246,05 |
| 2528 09 | 2" | 9,500 | 330,49 |
| 2528 10 | 2 1/2" | 14,750 | 521,90 |
| 2528 11 | 3" | 18,850 | 658,07 |
| 2528 12 | 4" | 26,250 | 939,62 |
| 2528 13 | 5" | 38,000 | 1.980,03 |
| 2528 14 | 6" | 51,000 | 2.713,87 |
| 2528 16 | 8" | 106,700 | 6.403,70 |

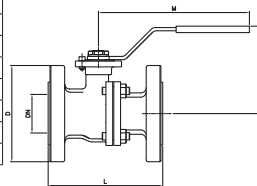
Ref. 2528A



Válvula esfera paso total 2 piezas diseño "fire safe" bridas ANSI B-16.5 S-150 montaje directo de actuadores S/ISO 5211
 Cuerpo: inox. CF8M (316). Asientos: PTFE +15% FV.
 Presión máx.: 19 kg/cm². Temp.: -30°C + 180°C.
 Mando manual por palanca hasta 6". 8" con reductor manual.

2 pcs full bore ball valve fire safe design flanges ANSI B-16.5 s-150. Direct mounting for actuators ISO 5211
 Body: stainless steel CF8M (316). Seats: PTFE + 15% GF.
 Max. pressure: 19 kg/cm². Temp.: -30°C + 180°C.
 Manually operated by handle until 6". 8" with gear operator.

| MED. | ISO 5211 | DN | D | L | M | A |
|--------|-----------|-----|-------|-----|-----|-----|
| 1/2" | F-04 | 15 | 89 | 108 | 165 | 90 |
| 3/4" | F-04/F-05 | 20 | 98,6 | 117 | 165 | 95 |
| 1" | F-04/F-05 | 25 | 108 | 127 | 165 | 95 |
| 1 1/4" | F-05/F-07 | 32 | 117 | 140 | 165 | 106 |
| 1 1/2" | F-05/F-07 | 40 | 127 | 165 | 200 | 110 |
| 2" | F-05/F-07 | 50 | 152,5 | 178 | 200 | 118 |
| 2 1/2" | F-07/F-10 | 65 | 177,8 | 190 | 400 | 160 |
| 3" | F-07/F-10 | 80 | 190,5 | 203 | 400 | 170 |
| 4" | F-07/F-10 | 100 | 228,6 | 229 | 400 | 186 |
| 6" | F-10/F-12 | 150 | 279,4 | 394 | 800 | 280 |
| 8" | F-10/F-12 | 200 | 342,9 | 457 | ** | ** |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2528A 04 | 1/2" | 1,450 | 84,01 |
| 2528A 05 | 3/4" | 2,100 | 99,60 |
| 2528A 06 | 1" | 2,850 | 133,35 |
| 2528A 07 | 1 1/4" | 3,900 | 181,06 |
| 2528A 08 | 1 1/2" | 5,800 | 236,66 |
| 2528A 09 | 2" | 8,400 | 327,79 |
| 2528A 10 | 2 1/2" | 13,400 | 526,04 |
| 2528A 11 | 3" | 17,800 | 709,04 |
| 2528A 12 | 4" | 30,500 | 1.079,77 |
| 2528A 14 | 6" | 55,000 | 3.052,09 |
| 2528A 16 | 8" | 135,000 | 7.064,17 |

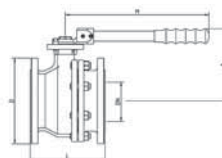
Ref. 2529



Válvula esfera paso total 2 piezas diseño "fire safe" bridas DIN PN -40 montaje directo de actuadores según ISO 5211
 Cuerpo: CF8M (316). Asientos y juntas: PTFE +15% FV tórica eje: vitón. Presión máx.: 40 kg/cm². Temp.: -30°C + 180°C.
 Mando manual por palanca. L: S/DIN 3202 F-4 DN 65 DN 100 F-5 DN 125 DN 200.

2 pcs. Full bore ball valve "fire safe" design flanges DIN PN-40 direct mounting for actuators ISO 5211
 Body: stainless steel. CF8M (316). Seats: PTFE + 15% GF
 Stem o'ring: viton. Max. pressure: 40 kg/cm². temp.: -30°C + 180°C.
 Manually operated by handle. L: DIN 3202 F-4 DN 65 DNO 100. F-5 DN 125 DN 200.

| MED. | DN | L | D PN-40 | A | M | ISO 5211 |
|--------|-----|-----|---------|-----|-----|-----------|
| 2 1/2" | 65 | 170 | 185 | 180 | 280 | F-07/F-10 |
| 3" | 80 | 180 | 200 | 180 | 280 | F-07/F-10 |
| 4" | 100 | 190 | 235 | 184 | 380 | F-07/F-10 |
| 5" | 125 | 325 | 270 | 235 | 500 | F-10/F-12 |
| 6" | 150 | 350 | 300 | 250 | 600 | F-10/F-12 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2529 10 | 2 1/2" | 17,150 | 773,77 |
| 2529 11 | 3" | 21,200 | 993,80 |
| 2529 12 | 4" | 29,900 | 1.391,89 |
| 2529 13 | 5" | 52,900 | 2.694,25 |
| 2529 14 | 6" | 75,450 | 3.793,20 |

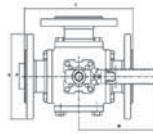
Ref. 2540 - 2541



Bridas DIN PN40 < DN50. Bridas DIN PN16 > DN50
Válvula esfera 3 vías paso total
2540 paso tipo L / 2541 paso tipo T
 Montaje directo de actuadores s/ISO 5211.
 Cuerpo: inox CF8M (316). 4 asientos: PTFE + 15% FV.
 Presión máx. 16/40 kg/cm² según medida.
 Temp.: -30°C + 180°C. Mando manual por palanca.

Flanges DIN PN40 < DN50. Flanges DIN PN16 > DN50
3 ways full bore ball valve. 2540 "L" bore / 2541 "T" bore
 Direct mounting for actuators ISO 5211.
 Body: stainless steel CF8M (316). 4 seats: PTFE + 15% GF.
 Max. pressure: 16/40 kg/cm² depending on size.
 Temp.: -30°C +180°C. Manually operated by handle.

| MED. | DN | PN | P | D | L | M |
|--------|-----|----|----|-----|-----|-----|
| 1" | 25 | 40 | 25 | 115 | 180 | 175 |
| 1 1/4" | 32 | 40 | 32 | 140 | 190 | 175 |
| 1 1/2" | 40 | 40 | 38 | 150 | 210 | 200 |
| 2" | 50 | 40 | 49 | 165 | 230 | 200 |
| 2 1/2" | 65 | 16 | 63 | 185 | 290 | 265 |
| 3" | 80 | 16 | 75 | 200 | 310 | 265 |
| 4" | 100 | 16 | 99 | 220 | 350 | 400 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| 2540 / 2541 | | | |
|-------------|--------|--------|----------|
| 06 | 1" | 7,800 | 580,68 |
| 07 | 1 1/4" | 11,600 | 724,83 |
| 08 | 1 1/2" | 14,700 | 962,75 |
| 09 | 2" | 19,700 | 1.287,68 |
| 10 | 2 1/2" | 29,700 | 2.200,08 |
| 11 | 3" | 42,000 | 2.992,20 |
| 12 | 4" | 60,300 | 4.128,09 |

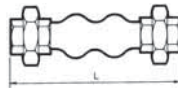
Ref. 2830 - 2830N



Manguito elástico - doble onda (2830N- Rosca NPT)
 Rosca gas, también disponible en rosca NPT (2830N)
 Cuerpo EPDM, extremos racors. Roscas gas galvanizadas.)
 Presión de trabajo máx.: 10 kg/cm². Temp. -10°C +105°C.)
 Longitud: 200 mm.

Rubber expansion joint-double wave (2830N- NPT thread)
 Gas thread, also available npt thread (2830N)
 Body EPDM. Galvanised gas threaded ends.
 Max. working pressure: 10 kg/cm². Temp. -10°C +105°C.
 Length: 200 mm.

| MED. | L |
|--------|-----|
| 3/4" | 200 |
| 1" | 200 |
| 1 1/4" | 200 |
| 1 1/2" | 200 |
| 2" | 200 |



| | | | |
|---------|--------|-------|-------|
| 2830 05 | 3/4" | 0,715 | 13,89 |
| 2830 06 | 1" | 1,090 | 17,03 |
| 2830 07 | 1 1/4" | 1,310 | 19,51 |
| 2830 08 | 1 1/2" | 1,780 | 25,19 |
| 2830 09 | 2" | 2,650 | 31,40 |

Precios rosca NPT a consultar / NPT thread prices on request

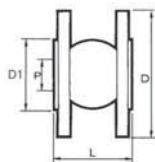
Ref. 2831



Manguito elástico - simple onda
 Cuerpo EPDM. Bridas DIN PN-10 zincadas.
 Presión de trabajo. Máx.: 10 kg/cm² temp: -10°C +105°C.

Rubber expansion - joint-single wave
 Body: EPDM. zinc plated DIN PN 10 flanges.
 Max. Working pressure: 10 kg/cm². Temp. -10°C +105°C.

| DN | P | L | D | D1 |
|-----|-----|-----|-----|-----|
| 32 | 40 | 95 | 140 | 69 |
| 40 | 40 | 95 | 150 | 69 |
| 50 | 52 | 105 | 165 | 86 |
| 65 | 68 | 115 | 185 | 106 |
| 80 | 76 | 130 | 200 | 116 |
| 100 | 103 | 135 | 220 | 150 |
| 125 | 128 | 170 | 250 | 180 |
| 150 | 152 | 180 | 285 | 209 |
| 200 | 194 | 195 | 340 | 260 |
| 250 | 250 | 240 | 395 | 320 |
| 300 | 300 | 260 | 445 | 367 |
| 350 | 320 | 255 | 505 | 408 |
| 400 | 372 | 255 | 565 | 472 |
| 450 | 415 | 255 | 615 | 522 |
| 500 | 454 | 255 | 670 | 570 |



| | | | |
|---------|--------|--------|--------|
| 2831 07 | 1 1/4" | 2,860 | 22,88 |
| 2831 08 | 1 1/2" | 3,240 | 24,33 |
| 2831 09 | 2" | 4,100 | 30,69 |
| 2831 10 | 2 1/2" | 4,870 | 39,09 |
| 2831 11 | 3" | 6,200 | 47,67 |
| 2831 12 | 4" | 6,800 | 59,66 |
| 2831 13 | 5" | 9,500 | 80,26 |
| 2831 14 | 6" | 12,400 | 98,93 |
| 2831 16 | 8" | 16,860 | 148,48 |
| 2831 18 | 10" | 21,200 | 253,92 |
| 2831 20 | 12" | 28,100 | 317,61 |
| 2831 22 | 14" | 36,700 | 375,22 |
| 2831 24 | 16" | 44,400 | 440,33 |
| 2831 26 | 18" | 46,800 | 501,45 |
| 2831 28 | 20" | 59,000 | 625,80 |

Ref. 2831A



Manguito elástico bridas
 Cuerpo EPDM. Bridas ANSI 150 lbs zincadas.
 Presión de trabajo máx.: 10 kg/cm². temp: -10°C +105°C.

Rubber expansion joint
 Body: EPDM. Zinc plated ANSI 150 lbs flanges.
 Max. working pressure: 10 kg/cm². Temp.: -10°C + 105°C.

| MED. | P | L | D | D1 |
|--------|-----|-----|-------|-----|
| 1 1/4" | 40 | 95 | 117,5 | 69 |
| 1 1/2" | 40 | 95 | 127 | 69 |
| 2" | 52 | 105 | 152,4 | 86 |
| 2 1/2" | 68 | 115 | 177,8 | 106 |
| 3" | 76 | 130 | 190,5 | 116 |
| 4" | 103 | 135 | 228,6 | 150 |
| 5" | 128 | 170 | 254 | 180 |
| 6" | 152 | 180 | 279,4 | 209 |
| 8" | 194 | 205 | 342,9 | 260 |
| 10" | 250 | 240 | 406,4 | 320 |
| 12" | 300 | 260 | 482,6 | 367 |
| 14" | 320 | 255 | 533,4 | 408 |
| 16" | 372 | 255 | 596,9 | 472 |
| 18" | 415 | 255 | 635 | 522 |
| 20" | 454 | 255 | 698,5 | 570 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| | | | |
|----------|--------|--------|--------|
| 2831A 07 | 1 1/4" | 2,460 | 23,68 |
| 2831A 08 | 1 1/2" | 2,800 | 25,20 |
| 2831A 09 | 2" | 3,900 | 31,77 |
| 2831A 10 | 2 1/2" | 4,770 | 40,49 |
| 2831A 11 | 3" | 5,920 | 48,45 |
| 2831A 12 | 4" | 7,260 | 61,76 |
| 2831A 13 | 5" | 9,200 | 83,13 |
| 2831A 14 | 6" | 11,780 | 102,40 |
| 2831A 16 | 8" | 17,400 | 155,12 |
| 2831A 18 | 10" | 24,760 | 258,99 |
| 2831A 20 | 12" | 33,700 | 333,40 |
| 2831A 22 | 14" | 45,900 | 413,11 |
| 2831A 24 | 16" | 53,000 | 490,39 |
| 2831A 26 | 18" | 55,420 | 573,93 |
| 2831A 28 | 20" | 68,800 | 706,13 |

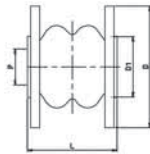
Ref. 2833



Manguito elástico - doble onda EPDM
 Cuerpo EPDM. Bridas DIN PN-10 zincadas.
 Presión trabajo máx.: 10 kg/cm². Temp: -10°C + 105°C.

Rubber expansion joint-double wave EPDM
 Body: EPDM, zinc plated DIN 10 flanges.
 Max. working pressure: 10 kg/cm². Temp.: -10°C + 105°C.

| DN | P | L | D | D1 |
|-----|-----|-----|-----|-----|
| 50 | 52 | 175 | 165 | 86 |
| 65 | 68 | 175 | 185 | 106 |
| 80 | 76 | 175 | 200 | 116 |
| 100 | 103 | 225 | 220 | 150 |
| 125 | 128 | 225 | 250 | 180 |
| 150 | 152 | 225 | 285 | 209 |
| 200 | 194 | 325 | 340 | 260 |
| 250 | 250 | 325 | 395 | 320 |
| 300 | 300 | 325 | 445 | 367 |



| | | | |
|---------|--------|--------|--------|
| 2833 09 | 2" | 4,650 | 40,61 |
| 2833 10 | 2 1/2" | 6,150 | 51,00 |
| 2833 11 | 3" | 6,600 | 63,27 |
| 2833 12 | 4" | 7,050 | 82,12 |
| 2833 13 | 5" | 9,700 | 114,91 |
| 2833 14 | 6" | 13,400 | 146,16 |
| 2833 16 | 8" | 18,900 | 232,37 |
| 2833 18 | 10" | 23,150 | 324,06 |
| 2833 20 | 12" | 30,050 | 426,32 |

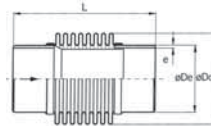
Ref. 2834



Junta de expansión metálica con camisa interior
 Extremos soldar, PN-10. Fuelle acero inox. AISI 304.
 Camisa interior acero inox. AISI 304. Extremos acero inox. AISI 304.
 Temp. máx.: 300°C.

Metal expansion joint with internal liner
 Welded ends, PN-10. Internal liner bellows: stainless steel AISI 304.
 Stainless steel aisi 304 ends. Max. temp. 300°C.

| MED. | L | Do | De | e |
|--------|-----|-----|-------|-----|
| 1 1/2" | 200 | 52 | 48,3 | 2,6 |
| 2" | 275 | 69 | 60,3 | 2,9 |
| 2 1/2" | 275 | 88 | 76,1 | 2,9 |
| 3" | 275 | 107 | 88,9 | 3,2 |
| 4" | 300 | 140 | 114,3 | 3,6 |
| 5" | 300 | 167 | 139,7 | 4 |
| 6" | 350 | 199 | 168,3 | 4,5 |
| 8" | 350 | 266 | 219,1 | 5,9 |



| | | | |
|---------|--------|--------|--------|
| 2834 08 | 1 1/2" | 0,800 | 125,14 |
| 2834 09 | 2" | 1,400 | 138,51 |
| 2834 10 | 2 1/2" | 1,700 | 180,70 |
| 2834 11 | 3" | 1,800 | 192,36 |
| 2834 12 | 4" | 3,700 | 241,17 |
| 2834 13 | 5" | 4,400 | 285,22 |
| 2834 14 | 6" | 7,200 | 344,37 |
| 2834 16 | 8" | 11,600 | 609,03 |

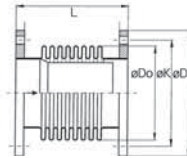
Ref. 2835



Junta de expansión metálica con camisa interior
 Extremos bridas DIN PN-16. Fuelle acero inox. AISI 304.
 Camisa interior acero inox. AISI 304.
 Extremos bridas en acero carbono.
 Presión máx. trabajo: 16 kg/cm². Temp. máx.: 300°C.

Metal expansion joint with internal liner
 Flanged ends DIN PN-16. Internal liner, bellows and ends:
 stainless steel AISI 304. Max. working pressure: 16 kg/cm².
 Max. temp. 300°C.

| DN | L | Do | K | D |
|-----|-----|-----|-----|-----|
| 25 | 150 | 45 | 85 | 115 |
| 32 | 150 | 45 | 100 | 140 |
| 40 | 150 | 45 | 110 | 150 |
| 50 | 150 | 69 | 125 | 165 |
| 65 | 150 | 88 | 145 | 185 |
| 80 | 150 | 107 | 160 | 200 |
| 100 | 150 | 140 | 180 | 220 |
| 125 | 150 | 167 | 210 | 250 |
| 150 | 200 | 199 | 240 | 285 |
| 200 | 200 | 266 | 295 | 340 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| | | | |
|---------|--------|--------|--------|
| 2835 06 | 1" | 2,500 | 91,60 |
| 2835 07 | 1 1/4" | 3,500 | 103,58 |
| 2835 08 | 1 1/2" | 4,000 | 109,88 |
| 2835 09 | 2" | 7,150 | 135,75 |
| 2835 10 | 2 1/2" | 8,950 | 149,29 |
| 2835 11 | 3" | 9,800 | 169,45 |
| 2835 12 | 4" | 12,650 | 212,77 |
| 2835 13 | 5" | 18,450 | 271,90 |
| 2835 14 | 6" | 24,350 | 331,51 |
| 2835 16 | 8" | 28,900 | 493,84 |

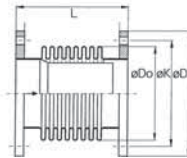
Ref. 2835A



Junta de expansión metálica con camisa interior
 Extremos bridas ANSI 150lbs. Fuelle acero INOX. AISI 304.
 Camisa interior acero inox. AISI 304. Extremos bridas en acero
 carbono. Presión máx. trabajo: 19 kg/cm². Temp. máx.: 300°C.

Metal expansion joint with internal liner
 Flanged ends carbon plated steel ANSI 150 lbs.
 Internal liner bellows: stainless steel AISI 304.
 Max. working pressure: 19 kg/cm². Max. temp. 300°C.

| DN | L | Do | K | D |
|--------|-----|-----|-------|-------|
| 2" | 150 | 69 | 120,6 | 152,4 |
| 2 1/2" | 150 | 88 | 139,7 | 177,8 |
| 3" | 150 | 107 | 152,4 | 190,5 |
| 4" | 150 | 140 | 190,5 | 228,6 |
| 5" | 150 | 167 | 215,4 | 254 |
| 6" | 200 | 199 | 241,3 | 279,4 |
| 8" | 200 | 266 | 298,4 | 342,9 |



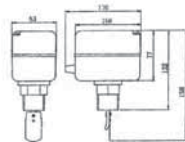
| | | | |
|----------|--------|--------|--------|
| 2835A 09 | 2" | 9,450 | 135,76 |
| 2835A 10 | 2 1/2" | 11,350 | 156,76 |
| 2835A 11 | 3" | 12,800 | 177,92 |
| 2835A 12 | 4" | 17,050 | 223,40 |
| 2835A 13 | 5" | 28,850 | 285,49 |
| 2835A 14 | 6" | 32,500 | 348,10 |
| 2835A 16 | 8" | 36,700 | 518,52 |

Ref. 2848



Controlador de flujo (líquidos)
 Caja aleación aluminio galvanizado. Racor latón lengüetas en
 acero inox. para tuberías de 1" a 8". Conexión rosca gas 1".
 Temp. máx. 110°C. Presión máx. 10 bar. 220 V, 10 A.
 Protección IP-64.

Liquid flow switch
 Galvanized aluminium alloyed box. Brass connector.
 Blade: stainless steel for pipe from 1" to 8".
 Thread gas connection 1". Max temp. 110°C.
 Max. pressure 10 bar. 220 V, 10 A. Protection: IP-64.



| | | | | |
|---------|----|-------|------|-------|
| 2848 06 | 1" | 0,800 | 1-10 | 53,87 |
|---------|----|-------|------|-------|

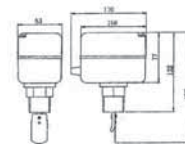
Ref. 2850



Controlador de flujo (líquidos)
 Caja acero pintado. Racord latón. Lengüetas en acero inox. para
 tuberías de 1" a 8". Conexión rosca gas 1". Temp. máx. 110°C.
 Presión máx. 10 bar. 220 V, 10A. Protección IP-54.

Liquid flow switch
 Coated steel box. Brass connector. Blade: stainless steel for pipe
 from 1" to 8". thread gas connection 1".
 Max. temp. 110°C. max. pressure 10 bar. 220 V, 10 A.
 Protection IP-54.

| | | | | |
|---------|----|-------|------|-------|
| 2850 06 | 1" | 0,800 | 1-10 | 49,59 |
|---------|----|-------|------|-------|



Ref. 3886



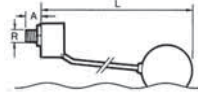
Válvula de flotador sin boya

Construcción en acero inoxidable AISI 304. Conexión rosca gas. Paso total. Cierre de silicona. Presión de trabajo máxima 10 kg/cm².

Floating valve without bouy

Made of stainless steel AISI 304. Conexion gas threaded. Full port. Silicone lock. Max. working pressure 10 kg/cm².

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



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

| | | | | |
|---------|--------|-------|----|-------|
| 3886 03 | 3/8" | 0,100 | 20 | 15,31 |
| 3886 04 | 1/2" | 0,180 | 20 | 16,47 |
| 3886 05 | 3/4" | 0,300 | 15 | 28,26 |
| 3886 06 | 1" | 0,370 | 10 | 30,42 |
| 3886 07 | 1 1/4" | 0,460 | 10 | 35,12 |

Ref. 3887



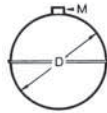
Boya para flotador

Construcción en acero inoxidable AISI 304.

Buoy for floating valves

Made of stainless steel AISI 304.

| MED. | D | M |
|--------|-----|-----|
| 3/8" | 90 | M-6 |
| 1/2" | 110 | M-6 |
| 3/4" | 160 | M-8 |
| 1" | 160 | M-8 |
| 1 1/4" | 160 | M-8 |



| | | | | |
|----------|----------|-------|---|-------|
| 3887 090 | Ø 90 mm | 0,070 | - | 11,93 |
| 3887 110 | Ø 110 mm | 0,100 | - | 14,07 |
| 3887 160 | Ø 160 mm | 0,290 | - | 30,61 |

Ref. 2856 - 2856N



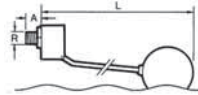
Válvula de flotador sin boya (2856N - rosca NPT)

Construcción: inox. AISI 316. Cierre silicona. Presión máx.: 10 kg/cm². Conexión: rosca gas ISO 228/1.

Floating valve (2856N - NPT thread)

Constr. stainless steel AISI 316. Silicone sealing. Max. pressure: 10 kg/cm². Connection gas ISO 228/1 thread.

| MED. | L | A |
|--------|-----|----|
| 3/8" | 300 | 32 |
| 1/2" | 410 | 35 |
| 3/4" | 500 | 42 |
| 1" | 580 | 45 |
| 1 1/4" | 580 | 52 |
| 1 1/2" | 620 | 60 |
| 2" | 720 | 70 |
| 2 1/2" | 720 | 80 |



| | | | | |
|---------|--------|-------|---|----------|
| 2856 03 | 3/8" | 0,200 | - | 83,71 |
| 2856 04 | 1/2" | 0,300 | - | 97,51 |
| 2856 05 | 3/4" | 0,540 | - | 132,92 |
| 2856 06 | 1" | 0,600 | - | 192,95 |
| 2856 07 | 1 1/4" | 0,730 | - | 216,87 |
| 2856 08 | 1 1/2" | 2,630 | - | 365,21 |
| 2856 09 | 2" | 2,940 | - | 454,70 |
| 2856 10 | 2 1/2" | 3,400 | - | 609,57 |
| 2856 11 | 3" | -- | - | 1.925,39 |
| 2856 12 | 4" | -- | - | 2.144,49 |

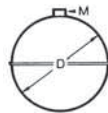
Ref. 2852



Boya para flotador - inox. 316

Buoy for floating valve stainless steel 316

| MED. | D | M |
|--------|-----|------|
| 3/8" | 90 | M-6 |
| 1/2" | 110 | M-6 |
| 3/4" | 160 | M-8 |
| 1" | 160 | M-8 |
| 1 1/4" | 160 | M-8 |
| 1 1/2" | 200 | M-12 |
| 2" | 200 | M-12 |
| 2 1/2" | 200 | M-12 |



| | | | | |
|----------|--------|-------|---|--------|
| 2852 060 | -- | 0,060 | - | 29,67 |
| 2852 090 | 3/8" | 0,125 | - | 52,73 |
| 2852 110 | 1/2" | 0,150 | - | 60,20 |
| 2852 160 | 3/4" | 0,390 | - | 80,17 |
| 2852 160 | 1" | 0,390 | - | 80,17 |
| 2852 160 | 1 1/4" | 0,390 | - | 80,17 |
| 2852 200 | 1 1/2" | 0,790 | - | 121,53 |
| 2852 200 | 2" | 0,790 | - | 121,53 |
| 2852 200 | 2 1/2" | 0,790 | - | 121,53 |
| 2852 300 | 3" | -- | - | 405,39 |
| 2852 400 | 4" | -- | - | 513,20 |



2

LÍNEA SANITARIA SANITARY LINE

Válvulas de esfera, retención, mariposa, grifos de nivel, toma muestras, para el sector alimentario, vitivinícola, farmacéutico.

Ball valves, check valves, butterfly valves, upper level cock and sampling valves for the food, wine, oil and pharmaceutical industries.



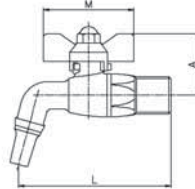
Ref. 2918



Válvula de esfera para barril
Válvula esfera de acero inox. PN-16, paso red.
Construcción en acero inox AISI 316.
Entrada rosca gas macho según ISO 228/1.
Accionamiento mediante palomilla. Temp. máx. 100°C.

Barrel ball valve
Stainless steel PN-16 ball valve. Reduced bore.
Stainless steel body AISI 316. Gas male threaded inlet ISO 228/1.
Butterfly handle operated. Max. temp. 100°C.

| R | PN | A | L | M |
|------|----|----|-----|----|
| 3/8" | 16 | 34 | 85 | 50 |
| 1/2" | 16 | 34 | 85 | 50 |
| 3/4" | 16 | 43 | 106 | 63 |



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

| | | | | |
|---------|------|-------|--------|-------|
| 2918 03 | 3/8" | 0,185 | 10-140 | 19,05 |
| 2918 04 | 1/2" | 0,174 | 8-112 | 19,04 |
| 2918 05 | 3/4" | 0,331 | 4-56 | 29,11 |

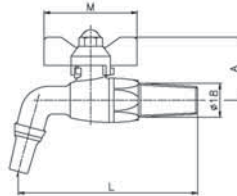
Ref. 2919



Válvula de esfera para bodega
Válvula esfera de acero inox. PN-16, paso red.
Construcción en acero inox AISI 316.
Entrada rosca cónica macho.
Accionamiento mediante palomilla. Temp. máx. 100°C.

Ball valve for cellar
Stainless steel PN-16 ball valve. Reduced bore.
Stainless steel body AISI 316. Male conical threaded inlet.
Butterfly handle operated. Max. temp. 100°C.

| R | PN | A | L | M |
|------|----|----|-----|----|
| 1/2" | 16 | 34 | 97 | 50 |
| 3/4" | 16 | 43 | 130 | 63 |



| | | | | |
|---------|------|-------|------|-------|
| 2919 04 | 1/2" | 0,186 | 8-64 | 19,97 |
| 2919 05 | 3/4" | 0,380 | 4-56 | 35,14 |

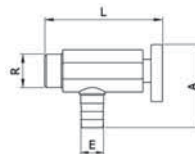
Ref. 2921



Grifo de nivel superior para manguera
Construcción en acero inoxidable AISI 304.
Asiento PTFE. Conexión roscada 1/2" ISO 228/1.
Espiga para manguera de 14 mm.
Presión máxima de trabajo 10 bar.

Upper level cock with hose nipple
Stainless steel material AISI 304. Seat PTFE material.
Thread end 1/2" ISO 228/1. Hose nipple dimension: 14 mm.
Max. working pressure 10 bar.

| MED. | R | A | L | E |
|------|--------|----|----|----|
| 1/2" | 1/2" G | 52 | 72 | 14 |



| | | | | |
|---------|------|-------|--|-------|
| 2921 04 | 1/2" | 0,260 | | 28,76 |
|---------|------|-------|--|-------|

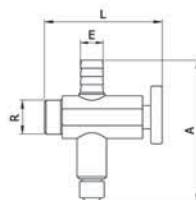
Ref. 2922



Grifo de nivel inferior para manguera con purga
Construcción en acero inoxidable AISI 304.
Asiento PTFE. Conexión roscada 1/2" ISO 228/1.
Espiga para manguera de 14 mm.
Presión máxima de trabajo 10 bar.

Lower level cock with hose nipple and drain
Stainless steel material AISI 304. Seat PTFE material.
Thread end 1/2" ISO 228/1. Hose nipple dimension: 14 mm.
Max. working pressure 10 bar.

| MED. | R | A | L | E |
|------|--------|----|----|----|
| 1/2" | 1/2" G | 88 | 72 | 14 |



| | | | | |
|---------|------|-------|--|-------|
| 2922 04 | 1/2" | 0,320 | | 39,58 |
|---------|------|-------|--|-------|

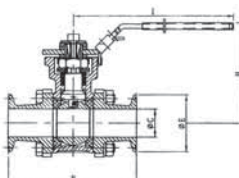
Ref. 2933



- **Válvula esfera 3 piezas extremos clamp**
Const. acero inox. CF8M (316) microfundición.
Asientos integrales y juntas eje: PTFE PN-25 (400 wog).
Temp. -25°C + 180°C. Mando manual por palanca con bloqueo de seguridad. Montaje directo S/ISO 5211.

3 pcs ball valve clamp ends
Stainless steel body CF8M (316). Investment casting integral seats and stem: PTFE PN-25 (400 wog). Temp: -25°C +180°C. Manually operated by handle with safety. Locking system. Direct mounting according ISO 5211.

| MED. | B | C | E | H | I |
|--------|-----|------|------|-----|-----|
| 1/2" | 90 | 9,4 | 25,4 | 72 | 145 |
| 3/4" | 90 | 15,6 | 25,4 | 77 | 145 |
| 1" | 100 | 22,2 | 50,5 | 88 | 175 |
| 1 1/2" | 125 | 35,6 | 50,5 | 105 | 190 |
| 2" | 150 | 48,6 | 64 | 123 | 190 |
| 2 1/2" | 190 | 60,3 | 77,5 | 150 | 260 |
| 3" | 220 | 72,9 | 91 | 159 | 260 |
| 4" | 270 | 97,6 | 119 | 198 | 400 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2933 04 | 1/2" | 0,734 | 59,37 |
| 2933 05 | 3/4" | 0,944 | 69,46 |
| 2933 06 | 1" | 1,300 | 102,67 |
| 2933 08 | 1 1/2" | 2,700 | 183,35 |
| 2933 09 | 2" | 4,200 | 259,49 |
| 2933 10 | 2 1/2" | 8,850 | 489,23 |
| 2933 11 | 3" | 14,200 | 697,69 |
| 2933 12 | 4" | 19,900 | 1.339,09 |

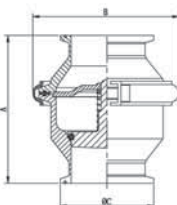
Ref. 2934



- **Válvula retención extremos clamp**
Cuerpo: acero inox AISI 316L. Cierre EPDM - junta silicona.
Extremos clamp en pulgadas. Pulido sanitario.
Presión máx. de trabajo: 10 bar. Temp. máx. 120°C.

Check valve clamp ends
Stainless steel body 316L. EPDM sealing - silicone joint.
Clamp ends in inches. Sanitary polish.
Max. working pressure: 10 bar. Max. temp. 120°C.

| MED. | A | B | C |
|--------|-------|-----|------|
| 1" | 95,5 | 72 | 50,5 |
| 1 1/2" | 97,5 | 87 | 50,5 |
| 2" | 113,5 | 100 | 64 |
| 2 1/2" | 119,5 | 115 | 77,5 |
| 3" | 127,5 | 128 | 91 |
| 4" | 151,5 | 164 | 119 |



| | | | |
|---------|--------|-------|--------|
| 2934 06 | 1" | 0,810 | 124,57 |
| 2934 08 | 1 1/2" | 0,985 | 136,17 |
| 2934 09 | 2" | 1,465 | 175,80 |
| 2934 10 | 2 1/2" | 1,875 | 256,30 |
| 2934 11 | 3" | 2,390 | 384,78 |
| 2934 12 | 4" | 4,245 | 539,89 |

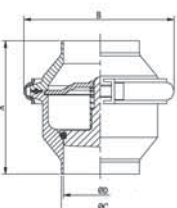
Ref. 2935



- **Válvula retención extremos soldar**
Cuerpo: acero inox AISI 304. Cierre EPDM - junta silicona.
Extremos soldar. Pulido sanitario. Presión máx. de trabajo: 10 bar.
Temp. máx. 120°C.

Check valve welded end
Stainless steel body 304. EPDM sealing - silicone joint.
welded ends. Sanitary polish. Max. working pressure: 10 bar.
Max. temp. 120°C.

| DN | A | B | C | D |
|-----|-----|-----|-----|-----|
| 25 | 70 | 72 | 29 | 26 |
| 32 | 72 | 87 | 35 | 32 |
| 40 | 72 | 87 | 41 | 38 |
| 50 | 88 | 100 | 53 | 50 |
| 65 | 94 | 115 | 70 | 66 |
| 80 | 102 | 128 | 85 | 81 |
| 100 | 120 | 164 | 104 | 100 |



| | | | |
|---------|--------|-------|--------|
| 2935 06 | DN 25 | 0,665 | 73,07 |
| 2935 07 | DN32 | 0,930 | 73,07 |
| 2935 08 | DN 40 | 0,915 | 92,26 |
| 2935 09 | DN 50 | 1,292 | 121,98 |
| 2935 10 | DN 65 | 1,685 | 176,16 |
| 2935 11 | DN 80 | 2,140 | 291,34 |
| 2935 12 | DN 100 | 3,385 | 466,55 |

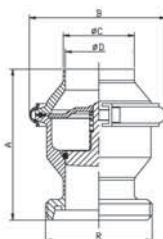
Ref. 2936



- **Válvula retención extremos roscar / soldar**
Cuerpo: acero inox AISI 304. Cierre EPDM - junta silicona.
Extremo: rosca DIN 11851 / soldar. Pulido sanitario.
Presión máx. de trabajo: 10 bar. Temp. máx. 120°C.

Check valve end threaded / welded
Stainless steel body 304. EPDM sealing - silicone joint
end threaded DIN 11851 / welded. Sanitary polish.
Max. working pressure: 10 bar. Max. temp. 120°C.

| DN | A | B | C | D | R |
|-----|-----|-----|-----|-----|----------|
| 25 | 91 | 72 | 29 | 26 | 52X1/6" |
| 32 | 93 | 87 | 35 | 32 | 58X1/6" |
| 40 | 93 | 87 | 41 | 38 | 65X1/6" |
| 50 | 110 | 100 | 53 | 50 | 78X1/6" |
| 65 | 118 | 115 | 70 | 66 | 95X1/6" |
| 80 | 128 | 128 | 85 | 81 | 110X1/4" |
| 100 | 149 | 164 | 104 | 100 | 130X1/4" |



| | | | |
|---------|--------|-------|--------|
| 2936 06 | DN 25 | 0,776 | 88,56 |
| 2936 07 | DN32 | 1,058 | 88,56 |
| 2936 08 | DN 40 | 1,068 | 100,97 |
| 2936 09 | DN 50 | 1,504 | 130,10 |
| 2936 10 | DN 65 | 1,999 | 183,00 |
| 2936 11 | DN 80 | 2,535 | 316,75 |
| 2936 12 | DN 100 | 3,887 | 479,26 |

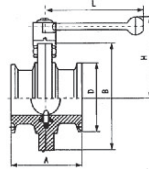
Ref. 2940



Válvula mariposa extremos clamp
Cuerpo acero inoxidable AISI 316L. Elastómero EPDM (otro material consultar). Extremos clamp en pulgadas. Pulido sanitario. Presión máx. de trabajo: 10 bar. Temp. máx.: 120°C. Accionamiento manual.

Butterfly valve clamp ends
Stainless steel body AISI 316L. EPDM elastomer (other material please consult us). Clamp ends in inches. Sanitary polish. Max. working pressure: 10 bar. Max. temp.: 120°C. Manually operated.

| MED. | A | B | D | L | H |
|--------|-----|-----|------|-----|-----|
| 1" | 66 | 78 | 50,5 | 130 | 82 |
| 1 1/2" | 70 | 86 | 50,5 | 130 | 86 |
| 2" | 76 | 102 | 64 | 140 | 96 |
| 2 1/2" | 80 | 115 | 77,5 | 150 | 103 |
| 3" | 84 | 128 | 91 | 150 | 110 |
| 4" | 106 | 154 | 119 | 170 | 122 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2940 06 | 1" | 1,350 | 98,75 |
| 2940 08 | 1 1/2" | 1,350 | 107,71 |
| 2940 09 | 2" | 1,850 | 136,01 |
| 2940 10 | 2 1/2" | 2,250 | 185,11 |
| 2940 11 | 3" | 2,600 | 216,78 |
| 2940 12 | 4" | 3,600 | 293,60 |

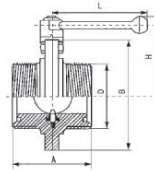
Ref. 2941E



Válvula mariposa extremos roscados
Cuerpo: acero inoxidable AISI 304. Elastómero: EPDM (otro material consultar). Extremos roscados DIN 11851. Presión máx. de trabajo: 10 bar. Temp. máx.: 120°C. Accionamiento manual: 3 posiciones o multi-posición.

Butterfly valve threaded ends
Stainless steel body AISI 304. EPDM elastomer (other material please consult us). Threaded ends DIN 11851. Max. working pressure 10 bar. Max. temp.: 120°C. Manually operated: 3 position or multi-position.

| MED. | DN | A | B | D | L | H |
|--------|-----|-----|-----|----------|-----|-----|
| 1" | 25 | 66 | 78 | 52x1/6" | 120 | 82 |
| 1 1/4" | 32 | 70 | 86 | 58x1/6" | 120 | 90 |
| 1 1/2" | 40 | 74 | 90 | 65x1/6" | 120 | 94 |
| 2" | 50 | 76 | 106 | 78x1/6" | 130 | 110 |
| 2 1/2" | 65 | 84 | 124 | 95x1/6" | 130 | 116 |
| 3" | 80 | 90 | 139 | 110x1/4" | 160 | 120 |
| 4" | 100 | 108 | 159 | 130x1/4" | 160 | 130 |



| | | | |
|----------|--------|-------|--------|
| 2941E 06 | DN 25 | 1,350 | 67,01 |
| 2941E 07 | DN 32 | 1,450 | 71,50 |
| 2941E 08 | DN 40 | 1,750 | 80,47 |
| 2941E 09 | DN 50 | 2,450 | 94,98 |
| 2941E 10 | DN 65 | 3,200 | 119,27 |
| 2941E 11 | DN 80 | 3,850 | 154,40 |
| 2941E 12 | DN 100 | 5,450 | 216,58 |

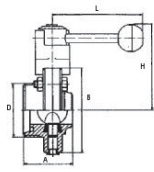
Ref. 2942E



Válvula mariposa extremo roscado / soldar
Cuerpo: acero inoxidable AISI 304. Elastómero: EPDM (otro material consultar). Extremos roscados DIN 11851/ soldar. Presión máx. de trabajo 10 bar. Temp. máx.: 120°C. Accionamiento manual: 3 posiciones o multi-posición.

Butterfly valve end threaded / welded
Stainless steel body AISI 304. EPDM elastomer (other material please consult us). End threaded DIN 11851/welded. Max. working pressure 10 bar. Max. temp.: 120°C. Manually operated: 3 position or multi-position.

| MED. | DN | A | B | D | L | H |
|--------|-----|----|-----|----------|-----|-----|
| 1" | 25 | 58 | 78 | 52x1/6" | 120 | 82 |
| 1 1/4" | 32 | 60 | 86 | 58x1/6" | 120 | 90 |
| 1 1/2" | 40 | 62 | 90 | 65x1/6" | 120 | 94 |
| 2" | 50 | 64 | 106 | 78x1/6" | 130 | 110 |
| 2 1/2" | 65 | 70 | 124 | 95x1/6" | 130 | 116 |
| 3" | 80 | 75 | 139 | 110x1/4" | 160 | 120 |
| 4" | 100 | 86 | 159 | 130x1/4" | 160 | 130 |



| | | | |
|----------|--------|-------|--------|
| 2942E 06 | DN 25 | 1,280 | 64,74 |
| 2942E 07 | DN 32 | 1,250 | 71,71 |
| 2942E 08 | DN 40 | 1,480 | 78,32 |
| 2942E 09 | DN 50 | 2,080 | 90,71 |
| 2942E 10 | DN 65 | 2,700 | 113,20 |
| 2942E 11 | DN 80 | 3,150 | 149,41 |
| 2942E 12 | DN 100 | 4,250 | 191,30 |

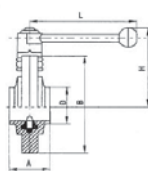
Ref. 2943E



Válvula mariposa extremo soldar / soldar
Cuerpo: acero inoxidable AISI 304. Elastómero: EPDM (otro material consultar). Extremos soldar / soldar. Presión máx. de trabajo 10 bar. Temp. máx. de 120°C. Accionamiento manual: 3 posiciones o multi-posición.

Butterfly valve end welded / welded
Stainless steel body AISI 304. EPDM elastomer (other material please consult us). End welded / welded. Max. working pressure 10 bar. Max. temp. 120°C. Manually operated: 3 position or multi-position.

| MED. | DN | A | B | D | L | H |
|--------|-----|----|-----|-----|-----|-----|
| 1" | 25 | 50 | 78 | 28 | 120 | 82 |
| 1 1/4" | 32 | 50 | 86 | 34 | 120 | 90 |
| 1 1/2" | 40 | 50 | 90 | 40 | 120 | 94 |
| 2" | 50 | 52 | 106 | 52 | 130 | 110 |
| 2 1/2" | 65 | 56 | 124 | 70 | 130 | 116 |
| 3" | 80 | 60 | 139 | 85 | 160 | 120 |
| 4" | 100 | 64 | 159 | 104 | 160 | 130 |



| | | | |
|----------|--------|-------|--------|
| 2943E 06 | DN 25 | 1,090 | 61,31 |
| 2943E 07 | DN 32 | 1,280 | 70,05 |
| 2943E 08 | DN 40 | 1,290 | 74,62 |
| 2943E 09 | DN 50 | 1,700 | 81,39 |
| 2943E 10 | DN 65 | 2,100 | 99,32 |
| 2943E 11 | DN 80 | 2,400 | 135,04 |
| 2943E 12 | DN 100 | 3,050 | 163,29 |

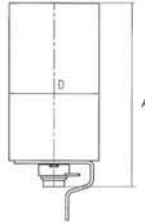
Ref. 2944 - 2949



Actuador neumático simple efecto para válvulas mariposa línea sanitaria (2944)
Extremos clamp/rosca DIN 11851 / soldar. Cuerpo de actuador: acero inoxidable 304. Accionamiento neumático a 5 bar.

Pneumatic actuator single effect for butterfly sanitary valves (2944)
Ends clamp/ threaded din 11851/ welded. Actuator body: stainless steel 304. Pneumatic operated at 5 bar.

| MED. | DN | A | D |
|-----------|-------|-----|----|
| 1"-2" | 25-50 | 193 | 85 |
| 2 1/2"-3" | 65-80 | 191 | 85 |
| 4" | 100 | 192 | 85 |



Actuador neumático doble efecto para válvulas mariposa línea sanitaria (2949)
Extremos clamp / rosca DIN 11851 / soldar. Cuerpo de actuador: acero inoxidable 304. Accionamiento neumático a 5 bar.

Pneumatic actuator double acting for butterfly sanitary valves (2949)
Ends clamp / threaded DIN 11851 / welded. Actuator body: stainless steel 304. Pneumatic operated at 5 bar.

| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|------|--------|-------|--------|
| 2944 | 1"- 4" | 2,650 | 346,64 |
| 2949 | 1"- 4" | 2,500 | 346,64 |

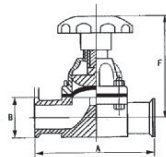
Ref. 2945



Válvula diafragma extremos clamp
Cuerpo acero inoxidable AISI 316L. Diafragma silicona (otro material consultar). Extremos: clamp en pulgadas. Pulido sanitario. Presión máx. de trabajo: 10 bar. Temp. máx.: 95°C. Accionamiento manual.

Diaphragm valve clamp ends
Stainless steel body AISI 316L. Silicone diaphragm. Clamp ends in inches. Sanitary polish. (ask for another material). Max. working pressure: 10 bar. Max. temp. max: 95°C. Manually operated.

| MED. | A | B | F |
|--------|------|------|---------|
| 1/2" | 99,6 | 25,4 | 92/106 |
| 3/4" | 99,6 | 25,4 | 92/106 |
| 1" | 129 | 50,5 | 110/123 |
| 1 1/2" | 159 | 50,5 | 139/159 |
| 2" | 191 | 64 | 159/186 |



| | | | |
|---------|--------|-------|--------|
| 2945 04 | 1/2" | 0,680 | 94,37 |
| 2945 05 | 3/4" | 0,653 | 88,71 |
| 2945 06 | 1" | 1,200 | 102,67 |
| 2945 08 | 1 1/2" | 2,600 | 153,95 |
| 2945 09 | 2" | 3,300 | 230,91 |

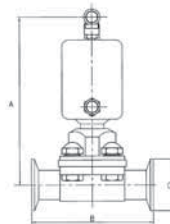
Ref. 2946



Válvula a diafragma extremos clamp accionamiento neumático simple efecto N.C.
Cuerpo válvula: acero inoxidable 316L (art. 2945). Cuerpo de actuador acero inoxidable 304. Extremos: clamp en pulgadas. Pulido sanitario. Accionamiento neumático a 5 bar.

Diaphragm valve clamp ends pneumatically operated. Spring return actuator N.C.
Body valve: stainless steel body 316L (art. 2945). Actuator: stainless steel body 304. Clamp ends in inches. Sanitary polish. Pneumatic operated at 5 bar.

| MED. | A | B | C |
|--------|-----|-----|------|
| 1" | 180 | 129 | 50,5 |
| 1 1/2" | 220 | 159 | 50,5 |
| 2" | 250 | 191 | 64 |



| | | | |
|---------|--------|-------|--------|
| 2946 06 | 1" | 2,400 | 390,94 |
| 2946 08 | 1 1/2" | 4,800 | 533,09 |
| 2946 09 | 2" | 6,000 | 609,26 |

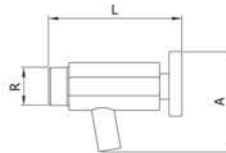
Ref. 2947



Válvula toma muestra tubo liso
 Construcción en acero inoxidable AISI 304.
 Asiento PTFE. Conexión roscada 1/2" ISO 228/1.
 Presión máxima de trabajo 10 bar.

Sampling valve smooth pipe
 Stainless steel material AISI 304.
 Seat PTFE material. Thread end 1/2" ISO 228/1.
 Max. working pressure 10 bar.

| MED. | R | A | L |
|------|--------|----|----|
| 1/2" | 1/2" G | 55 | 72 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|------|-------|-------|
| 2947 04 | 1/2" | 0,250 | 27,99 |
|---------|------|-------|-------|

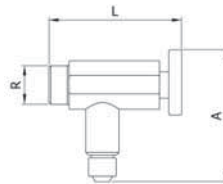
Ref. 2950



Válvula toma muestra con válvula inferior
 Construcción en acero inoxidable AISI 304.
 Asiento PTFE. Conexión roscada 1/2" ISO 228/1.
 Presión máxima de trabajo 10 bar.

Sampling valve with lower valve
 Stainless steel material AISI 304.
 Seat PTFE material. Thread end 1/2" ISO 228/1.
 Max. working pressure 10 bar.

| MED. | R | A | L |
|------|--------|----|----|
| 1/2" | 1/2" G | 72 | 72 |



| | | | |
|---------|------|-------|-------|
| 2950 04 | 1/2" | 0,300 | 38,38 |
|---------|------|-------|-------|

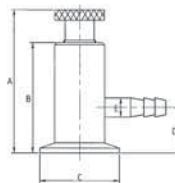
Ref. 2951



Válvula toma muestra extremo clamp
 Cuerpo: acero inoxidable 316L. Cierre de silicona (otro material consultar). Extremo clamp en pulgadas pulido sanitario.
 Presión máx. de trabajo: 10 bar.

Clamp end sampling valve
 Body: stainless steel 316L. Silicone sealing. Clamp ends in inches.
 Sanitary polish. Max. working pressure: 10 bar.

| MED. | A | B | C | D | E |
|-----------|------|----|------|----|----|
| 1"-1 1/2" | 91,5 | 70 | 50,5 | 29 | 12 |



| | | | |
|---------|-----------|-------|-------|
| 2951 06 | 1"-1 1/2" | 0,550 | 53,78 |
|---------|-----------|-------|-------|

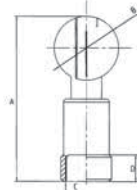
Ref. 2952



Esfera de limpieza
 Cuerpo: acero inoxidable 316L. Extremo roscado BSP DIN 2999.
 Ángulo de limpieza 360°. Pulido sanitario. Giro sobre rodamientos (2).

Cleaning ball
 Body: stainless steel 316L. Threaded ends BSP DIN 2999.
 Cleaning angle 360°. Sanitary polish. Double bearing (2).

| MED. | DN | A | B | C | D |
|--------|----|-----|----|------------|----|
| 1" | 25 | 146 | 52 | 1" BSP | 22 |
| 1 1/2" | 40 | 173 | 63 | 1 1/2" BSP | 27 |
| 2" | 50 | 202 | 75 | 2" BSP | 34 |



| | | | |
|---------|--------|-------|--------|
| 2952 06 | 1" | 0,400 | 70,52 |
| 2952 08 | 1 1/2" | 0,750 | 131,86 |
| 2952 09 | 2" | 1,100 | 201,80 |

Ref. 2954



Tuerca roscada para racor soldar
 Normativa aplicable: DIN 11851. Material: acero inoxidable 304.
 Terminación superficial: pulido.

Threaded ring for welded connector
 Standards applied: DIN 11851. Stainless steel body AISI 304.
 Superficial ending: polish.

| MED. | DN | A | B | C | D1 |
|--------|-----|----|-----|-----|----------|
| 1/2" | 15 | 18 | 44 | 25 | 34x1/8" |
| 3/4" | 20 | 20 | 54 | 31 | 44x1/6" |
| 1" | 25 | 21 | 63 | 36 | 52x1/6" |
| 1 1/4" | 32 | 21 | 70 | 42 | 58x1/6" |
| 1 1/2" | 40 | 21 | 78 | 49 | 65x1/6" |
| 2" | 50 | 22 | 92 | 62 | 78x1/6" |
| 2 1/2" | 65 | 25 | 112 | 80 | 95x1/6" |
| 3" | 80 | 29 | 127 | 94 | 110x1/4" |
| 4" | 100 | 31 | 148 | 115 | 130x1/4" |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2954 04 | DN 15 | 0,080 | 8,30 |
| 2954 05 | DN 20 | 0,130 | 8,30 |
| 2954 06 | DN 25 | 0,172 | 8,88 |
| 2954 07 | DN 32 | 0,209 | 9,35 |
| 2954 08 | DN 40 | 0,250 | 9,17 |
| 2954 09 | DN 50 | 0,338 | 11,93 |
| 2954 10 | DN 65 | 0,523 | 17,98 |
| 2954 11 | DN 80 | 0,728 | 23,79 |
| 2954 12 | DN 100 | 0,990 | 34,58 |

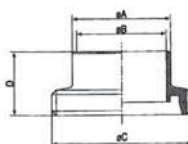
Ref. 2955



Conexión macho para soldar
 Normativa aplicable: DIN 11851. Material: acero inoxidable 304.
 Terminación superficial: pulido.

Male connection for welding
 Standards applied: DIN 11851. Stainless steel body AISI 304.
 Superficial ending: polish.

| MED. | DN | A | B | C | D |
|--------|-----|-----|-----|----------|----|
| 1/2" | 15 | 21 | 16 | 34X1/8" | 21 |
| 3/4" | 20 | 25 | 20 | 44X1/6" | 24 |
| 1" | 25 | 31 | 26 | 52X1/6" | 29 |
| 1 1/4" | 32 | 37 | 32 | 58X1/6" | 32 |
| 1 1/2" | 40 | 43 | 38 | 65X1/6" | 33 |
| 2" | 50 | 55 | 50 | 78X1/6" | 35 |
| 2 1/2" | 65 | 72 | 66 | 95X1/6" | 40 |
| 3" | 80 | 87 | 81 | 110X1/4" | 45 |
| 4" | 100 | 106 | 100 | 130X1/4" | 54 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2955 04 | DN 15 | 0,079 | 6,69 |
| 2955 05 | DN 20 | 0,087 | 7,68 |
| 2955 06 | DN 25 | 0,121 | 7,71 |
| 2955 07 | DN 32 | 0,148 | 8,51 |
| 2955 08 | DN 40 | 0,180 | 8,67 |
| 2955 09 | DN 50 | 0,244 | 11,36 |
| 2955 10 | DN 65 | 0,370 | 16,83 |
| 2955 11 | DN 80 | 0,526 | 22,07 |
| 2955 12 | DN 100 | 0,658 | 29,81 |

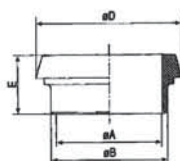
Ref. 2956



Casquillo para soldar
 Normativa aplicable: DIN 11851. Material: acero inoxidable 304.
 Terminación superficial: pulido.

Clamp for welding
 Standards applied: DIN 11851. Stainless steel body AISI 304.
 Superficial ending: polish.

| MED. | DN | A | B | D | E |
|--------|-----|-----|-----|------|----|
| 1/2" | 15 | 16 | 21 | 28,5 | 17 |
| 3/4" | 20 | 20 | 25 | 36,5 | 18 |
| 1" | 25 | 26 | 31 | 44 | 22 |
| 1 1/4" | 32 | 32 | 37 | 50 | 25 |
| 1 1/2" | 40 | 38 | 43 | 56 | 26 |
| 2" | 50 | 50 | 55 | 68,5 | 28 |
| 2 1/2" | 65 | 66 | 72 | 86 | 32 |
| 3" | 80 | 81 | 87 | 100 | 37 |
| 4" | 100 | 100 | 106 | 121 | 44 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2956 04 | DN 15 | 0,052 | 5,95 |
| 2956 05 | DN 20 | 0,056 | 5,53 |
| 2956 06 | DN 25 | 0,089 | 5,55 |
| 2956 07 | DN 32 | 0,113 | 5,77 |
| 2956 08 | DN 40 | 0,133 | 6,30 |
| 2956 09 | DN 50 | 0,185 | 7,65 |
| 2956 10 | DN 65 | 0,301 | 12,61 |
| 2956 11 | DN 80 | 0,353 | 15,71 |
| 2956 12 | DN 100 | 0,613 | 21,52 |

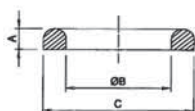
Ref. 2957



Junta para racor DIN 11851
 Material: EPDM.

O'ring for din 11851 connector
 Material: EPDM.

| MED. | DN | A | B | C |
|--------|-----|-----|-----|-----|
| 1/2" | 15 | 4,5 | 18 | 26 |
| 3/4" | 20 | 4,5 | 23 | 33 |
| 1" | 25 | 5 | 30 | 40 |
| 1 1/4" | 32 | 5 | 36 | 46 |
| 1 1/2" | 40 | 5 | 42 | 52 |
| 2" | 50 | 5 | 54 | 64 |
| 2 1/2" | 65 | 5 | 71 | 81 |
| 3" | 80 | 5 | 85 | 95 |
| 4" | 100 | 5 | 104 | 114 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2957 04 | DN 15 | 0,003 | 0,45 |
| 2957 05 | DN 20 | 0,003 | 0,45 |
| 2957 06 | DN 25 | 0,004 | 0,45 |
| 2957 07 | DN 32 | 0,004 | 0,52 |
| 2957 08 | DN 40 | 0,005 | 0,66 |
| 2957 09 | DN 50 | 0,006 | 0,91 |
| 2957 10 | DN 65 | 0,007 | 1,15 |
| 2957 11 | DN 80 | 0,008 | 1,58 |
| 2957 12 | DN 100 | 0,012 | 1,79 |

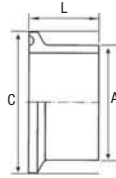
Ref. 2981

Casquillo para soldar clamp
Material acero inoxidable 316L. Clamp en pulgadas.
Pulido sanitario.

Clamp welding socket
Stainless steel 316L. Clamp ends in inches sanitary polish.



| MED. | C | L | A |
|--------|-------|------|-------|
| 1/2" | 25,4 | 28,6 | 12,7 |
| 3/4" | 25,4 | 28,6 | 19,05 |
| 1" | 50,4 | 28,6 | 25,4 |
| 1 1/2" | 50,4 | 28,6 | 38,1 |
| 2" | 63,6 | 28,6 | 50,8 |
| 2 1/2" | 77,5 | 28,6 | 63,5 |
| 3" | 90,8 | 28,6 | 76,2 |
| 4" | 118,5 | 28,6 | 101,6 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| | | | |
|---------|--------|-------|-------|
| 2981 04 | 1/2" | 0,023 | 9,12 |
| 2981 05 | 3/4" | 0,026 | 9,12 |
| 2981 06 | 1" | 0,085 | 8,89 |
| 2981 08 | 1 1/2" | 0,066 | 9,15 |
| 2981 09 | 2" | 0,090 | 9,82 |
| 2981 10 | 2 1/2" | 0,115 | 13,12 |
| 2981 11 | 3" | 0,148 | 16,16 |
| 2981 12 | 4" | 0,240 | 23,15 |

Ref. 2982

Tapa ciega clamp
Material acero inoxidable 316L. Clamp en pulgadas.
Pulido sanitario.

Clamp blind lid
Stainless steel 316L. Clamp ends in inches. Sanitary polish.



| MED. | A | B |
|-----------|------|-----|
| 1/2"-3/4" | 25,4 | 6,4 |
| 1" | 50,5 | 6,4 |
| 1 1/2" | 50,5 | 6,4 |
| 2" | 64 | 6,4 |
| 2 1/2" | 77,5 | 6,4 |
| 3" | 91 | 6,4 |
| 4" | 119 | 6,4 |



| | | | |
|---------|-----------|-------|-------|
| 2982 04 | 1/2"-3/4" | 0,050 | 6,35 |
| 2982 06 | 1" | 0,080 | 5,37 |
| 2982 08 | 1 1/2" | 0,080 | 5,37 |
| 2982 09 | 2" | 0,160 | 7,64 |
| 2982 10 | 2 1/2" | 0,210 | 9,88 |
| 2982 11 | 3" | 0,300 | 12,96 |
| 2982 12 | 4" | 0,550 | 24,24 |

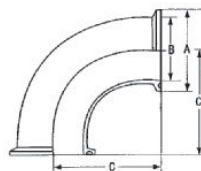
Ref. 2983

Accesorios línea sanitaria codo 90° clamp
Material: acero inoxidable 316L.
Clamp en pulgadas. Pulido sanitario.

Sanitary accessories clamp 90° elbow
Stainless steel 316L. Clamp ends in inches. Sanitary polish.



| MED. | A | B | C |
|--------|------|------|-----|
| 1/2" | 25,4 | 9,5 | 41 |
| 3/4" | 25,4 | 15,4 | 41 |
| 1" | 50,5 | 22,4 | 55 |
| 1 1/2" | 50,5 | 35,1 | 70 |
| 2" | 64 | 47,8 | 82 |
| 2 1/2" | 77,5 | 59,5 | 105 |
| 3" | 91 | 72,2 | 110 |
| 4" | 119 | 97,6 | 148 |



| | | | |
|---------|--------|-------|--------|
| 2983 04 | 1/2" | 0,050 | 32,90 |
| 2983 05 | 3/4" | 0,055 | 32,90 |
| 2983 06 | 1" | 0,180 | 24,79 |
| 2983 08 | 1 1/2" | 0,190 | 30,18 |
| 2983 09 | 2" | 0,340 | 37,79 |
| 2983 10 | 2 1/2" | 0,630 | 56,94 |
| 2983 11 | 3" | 0,750 | 71,75 |
| 2983 12 | 4" | 1,580 | 118,44 |

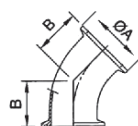
Ref. 2984

Accesorios línea sanitaria codo 45° clamp
Material: acero inoxidable 316L. Clamp en pulgadas.
Pulido sanitario.

Sanitary accessories clamp 45° elbow
Stainless steel 316L. Clamp ends in inches. Sanitary polish.



| MED. | A | B |
|--------|------|------|
| 1" | 50,5 | 35,5 |
| 1 1/2" | 50,5 | 41,6 |
| 2" | 64 | 46,6 |
| 2 1/2" | 77,5 | 56 |
| 3" | 91 | 58 |
| 4" | 119 | 81 |



| | | | |
|---------|--------|-------|--------|
| 2984 06 | 1" | 0,160 | 24,79 |
| 2984 08 | 1 1/2" | 0,250 | 30,18 |
| 2984 09 | 2" | 0,300 | 37,79 |
| 2984 10 | 2 1/2" | 0,320 | 56,94 |
| 2984 11 | 3" | 0,520 | 71,75 |
| 2984 12 | 4" | 1,030 | 118,44 |

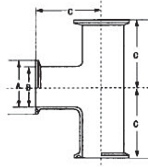
Ref. 2985



Accesorios línea sanitaria "T" clamp
Material: acero inoxidable 316L. Clamp en pulgadas. Pulido sanitario.

Sanitary accessories "T" clamp
Stainless steel 316L. Clamp ends in inches. Sanitary polish.

| MED. | A | B | C |
|--------|------|------|-----|
| 1/2" | 25,4 | 9,5 | 57 |
| 3/4" | 25,4 | 15,4 | 60 |
| 1" | 50,5 | 22,4 | 55 |
| 1 1/2" | 50,5 | 35,1 | 70 |
| 2" | 64 | 47,8 | 82 |
| 2 1/2" | 77,5 | 59,5 | 105 |
| 3" | 91 | 72,2 | 110 |
| 4" | 119 | 97,6 | 148 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
| 2985 04 | 1/2" | 0,108 | 44,06 |
| 2985 05 | 3/4" | 0,112 | 44,06 |
| 2985 06 | 1" | 0,270 | 35,92 |
| 2985 08 | 1 1/2" | 0,280 | 40,36 |
| 2985 09 | 2" | 0,490 | 55,05 |
| 2985 10 | 2 1/2" | 0,940 | 74,69 |
| 2985 11 | 3" | 1,190 | 92,60 |
| 2985 12 | 4" | 2,210 | 157,98 |

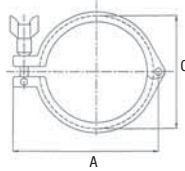
Ref. 2986



Abrazadera cierre rápido clamp
Material acero inoxidable 304. Aplicación clamp en pulgadas. Pulido sanitario.

Quick locking binding clamp
Stainless steel 304. Clamp ends in inches. Sanitary polish.

| MED. | C | A |
|------------|-------|-------|
| 1/2"- 3/4" | 28,2 | 57,5 |
| 1"- 1/2" | 53,6 | 83 |
| 2" | 67 | 95,7 |
| 2 1/2" | 80,6 | 109,8 |
| 3" | 94,2 | 123,1 |
| 4" | 122,1 | 151,8 |



| | | | |
|---------|------------|-------|-------|
| 2986 04 | 1/2"-3/4" | 0,230 | 9,81 |
| 2986 06 | 1"- 1 1/2" | 0,300 | 10,20 |
| 2986 09 | 2" | 0,350 | 12,48 |
| 2986 10 | 2 1/2" | 0,380 | 14,35 |
| 2986 11 | 3" | 0,398 | 15,85 |
| 2986 12 | 4" | 0,560 | 19,15 |

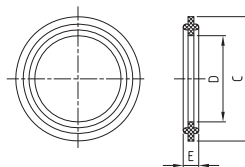
Ref. 2987



Junta para extremos clamp
Material silicona. Aplicación clamp en pulgadas.

Clamp ends joint
Silicone body. Clamp ends in inches.

| MED. | D | C | E |
|--------|------|-------|-----|
| 1/2" | 9,5 | 22 | 4,5 |
| 3/4" | 15,9 | 22 | 4,5 |
| 1" | 22,2 | 50,4 | 5,5 |
| 1 1/2" | 35 | 50,4 | 5,5 |
| 2" | 47,6 | 63,6 | 5,5 |
| 2 1/2" | 60,2 | 77,5 | 5,5 |
| 3" | 73 | 90,8 | 5,5 |
| 4" | 97,4 | 118,5 | 5,5 |



| | | | |
|---------|--------|-------|------|
| 2987 04 | 1/2" | 0,003 | 0,76 |
| 2987 05 | 3/4" | 0,003 | 0,92 |
| 2987 06 | 1" | 0,004 | 0,92 |
| 2987 08 | 1 1/2" | 0,004 | 0,92 |
| 2987 09 | 2" | 0,005 | 1,21 |
| 2987 10 | 2 1/2" | 0,006 | 1,53 |
| 2987 11 | 3" | 0,008 | 1,85 |
| 2987 12 | 4" | 0,012 | 2,30 |

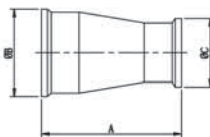
Ref. 2988



Reducción concéntrica clamp
Material: acero inoxidable 316L. Clamp en pulgadas. Pulido sanitario.

Concentric clamp reduction
Stainless steel 316L. Clamp in inches. Sanitary polish.

| MED. | A | B | C |
|-----------------|-----|------|------|
| 1 1/2" x 1" | 76 | 50,5 | 50,5 |
| 2" x 1" | 127 | 64 | 50,5 |
| 2" x 1 1/2" | 76 | 64 | 50,5 |
| 2 1/2" x 1 1/2" | 127 | 77,5 | 50,5 |
| 2 1/2" x 2" | 76 | 77,5 | 64 |
| 3" x 2" | 127 | 91 | 64 |
| 3" x 3 1/2" | 76 | 91 | 77,5 |
| 4" x 3" | 130 | 119 | 91 |



| | | | |
|------------|-----------------|-------|-------|
| 2988 08 06 | 1 1/2" x 1" | 0,200 | 24,90 |
| 2988 09 06 | 2" x 1" | 0,260 | 34,75 |
| 2988 09 08 | 2" x 1 1/2" | 0,290 | 33,97 |
| 2988 10 08 | 2 1/2" x 1 1/2" | 0,360 | 45,96 |
| 2988 10 09 | 2 1/2" x 2" | 0,380 | 40,63 |
| 2988 11 09 | 3" x 2" | 0,460 | 56,99 |
| 2988 11 10 | 3" x 2 1/2" | 0,500 | 51,83 |
| 2988 12 11 | 4" x 3" | 0,660 | 87,05 |

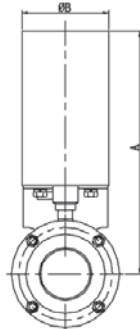
Ref. 5940



Válvula mariposa extremos clamp
 Características de válvula ver art. 2940.
 Características de actuador ver art. 2944/ 2949.
 Actuador simple efecto o doble efecto.

Butterfly valve clamp ends
 Valve characteristics see art. 2940.
 Actuator characteristics see art. 2944/ 2949.
 Spring return or double acting actuator.

| MED. | A | B |
|--------|-----|----|
| 1" | 232 | 85 |
| 1 1/2" | 236 | 85 |
| 2" | 240 | 85 |
| 2 1/2" | 249 | 85 |
| 3" | 255 | 85 |
| 4" | 269 | 85 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|-------------|--------------|
|-------------|-------------|-------------|--------------|

| Simple efecto / Spring return | | | |
|-------------------------------|--------|-------|--------|
| 5940 06 44 | 1" | 4,000 | 468,52 |
| 5940 08 44 | 1 1/2" | 4,000 | 471,50 |
| 5940 09 44 | 2" | 4,500 | 503,16 |
| 5940 10 44 | 2 1/2" | 4,900 | 550,55 |
| 5940 11 44 | 3" | 5,250 | 589,64 |
| 5940 12 44 | 4" | 6,250 | 686,68 |

| Doble efecto / Double Acting | | | |
|------------------------------|--------|-------|--------|
| 5940 06 49 | 1" | 4,000 | 468,52 |
| 5940 08 49 | 1 1/2" | 4,000 | 471,50 |
| 5940 09 49 | 2" | 4,500 | 503,16 |
| 5940 10 49 | 2 1/2" | 4,900 | 550,55 |
| 5940 11 49 | 3" | 5,250 | 589,64 |
| 5940 12 49 | 4" | 6,250 | 686,68 |

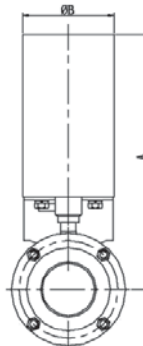
Ref. 5941E



Válvula mariposa extremos roscados
 Características de válvula ver art. 2941E.
 Características de actuador ver art. 2944/ 2949.
 Actuador simple efecto o doble efecto.

Butterfly valve threaded ends
 Valve characteristics see art. 2941E.
 Actuator characteristics see art. 2944/ 2949.
 Spring return or double acting actuator.

| MED. | DN | A | B |
|--------|-----|-----|----|
| 1" | 25 | 232 | 85 |
| 1 1/4" | 32 | 236 | 85 |
| 1 1/2" | 40 | 238 | 85 |
| 2" | 50 | 246 | 85 |
| 2 1/2" | 65 | 253 | 85 |
| 3" | 80 | 260 | 85 |
| 4" | 100 | 271 | 85 |



| Simple efecto / Spring return | | | |
|-------------------------------|--------|-------|--------|
| 5941E 06 44 | 1" | 4,000 | 444,01 |
| 5941E 07 44 | 1 1/4" | 4,100 | 458,95 |
| 5941E 08 44 | 1 1/2" | 4,400 | 460,03 |
| 5941E 09 44 | 2" | 5,100 | 478,19 |
| 5941E 10 44 | 2 1/2" | 5,850 | 509,77 |
| 5941E 11 44 | 3" | 6,500 | 542,74 |
| 5941E 12 44 | 4" | 8,100 | 639,95 |

| Doble efecto / Double Acting | | | |
|------------------------------|--------|-------|--------|
| 5941E 06 49 | 1" | 4,000 | 444,01 |
| 5941E 07 49 | 1 1/4" | 4,100 | 458,95 |
| 5941E 08 49 | 1 1/2" | 4,400 | 460,03 |
| 5941E 09 49 | 2" | 5,100 | 478,19 |
| 5941E 10 49 | 2 1/2" | 5,850 | 509,77 |
| 5941E 11 49 | 3" | 6,500 | 542,74 |
| 5941E 12 49 | 4" | 8,100 | 639,95 |

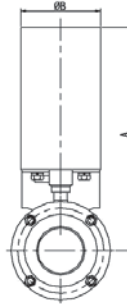
Ref. 5942E



Válvula mariposa extremos roscados/ soldar
 Características de válvula ver art. 2942E.
 Características de actuador ver art. 2944/ 2949.
 Actuador simple efecto o doble efecto.

Butterfly valve end threaded/ welded
 Valve characteristics see art. 2942E.
 Actuator characteristics see art. 2944/ 2949.
 Spring return or double acting actuator.

| MED. | DN | A | B |
|--------|-----|-----|----|
| 1" | 25 | 232 | 85 |
| 1 1/4" | 32 | 236 | 85 |
| 1 1/2" | 40 | 238 | 85 |
| 2" | 50 | 246 | 85 |
| 2 1/2" | 65 | 253 | 85 |
| 3" | 80 | 260 | 85 |
| 4" | 100 | 271 | 85 |



| CÓDIGO CODE | MEDIDA SIZE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|----------------|-----------------|
|----------------|----------------|----------------|-----------------|

| Simple efecto / Spring return | | | |
|-------------------------------|--------|-------|--------|
| 5942E 06 44 | 1" | 3,930 | 439,12 |
| 5942E 07 44 | 1 1/4" | 3,900 | 446,75 |
| 5942E 08 44 | 1 1/2" | 4,130 | 450,35 |
| 5942E 09 44 | 2" | 4,730 | 469,87 |
| 5942E 10 44 | 2 1/2" | 5,350 | 495,25 |
| 5942E 11 44 | 3" | 5,800 | 521,39 |
| 5942E 12 44 | 4" | 6,900 | 591,97 |

| Doble efecto / Double Acting | | | |
|------------------------------|--------|-------|--------|
| 5942E 06 49 | 1" | 3,930 | 439,12 |
| 5942E 07 49 | 1 1/4" | 3,900 | 446,75 |
| 5942E 08 49 | 1 1/2" | 4,130 | 450,35 |
| 5942E 09 49 | 2" | 4,730 | 469,87 |
| 5942E 10 49 | 2 1/2" | 5,350 | 495,25 |
| 5942E 11 49 | 3" | 5,800 | 521,39 |
| 5942E 12 49 | 4" | 6,900 | 591,97 |

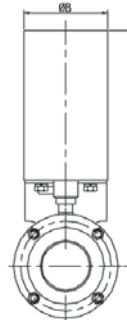
Ref. 5943E



Válvula mariposa extremos soldar/ soldar
 Características de válvula ver art. 2943E.
 Características de actuador ver art. 2944/ 2949.
 Actuador simple efecto o doble efecto.

Butterfly valve end welded/ welded
 Valve characteristics see art. 2943E.
 Actuator characteristics see art. 2944/ 2949.
 Spring return or double acting actuator.

| MED. | DN | A | B |
|--------|-----|-----|----|
| 1" | 25 | 232 | 85 |
| 1 1/4" | 32 | 236 | 85 |
| 1 1/2" | 40 | 238 | 85 |
| 2" | 50 | 246 | 85 |
| 2 1/2" | 65 | 253 | 85 |
| 3" | 80 | 260 | 85 |
| 4" | 100 | 271 | 85 |



| Simple efecto / Spring return | | | |
|-------------------------------|--------|-------|--------|
| 5943E 06 44 | 1" | 3,740 | 434,23 |
| 5943E 07 44 | 1 1/4" | 3,930 | 434,51 |
| 5943E 08 44 | 1 1/2" | 3,940 | 440,68 |
| 5943E 09 44 | 2" | 4,350 | 461,59 |
| 5943E 10 44 | 2 1/2" | 4,750 | 480,65 |
| 5943E 11 44 | 3" | 5,050 | 500,03 |
| 5943E 12 44 | 4" | 5,700 | 544,06 |

| Doble efecto / Double Acting | | | |
|------------------------------|--------|-------|--------|
| 5943E 06 49 | 1" | 3,740 | 434,23 |
| 5943E 07 49 | 1 1/4" | 3,930 | 434,51 |
| 5943E 08 49 | 1 1/2" | 3,940 | 440,68 |
| 5943E 09 49 | 2" | 4,350 | 461,59 |
| 5943E 10 49 | 2 1/2" | 4,750 | 480,65 |
| 5943E 11 49 | 3" | 5,050 | 500,03 |
| 5943E 12 49 | 4" | 5,700 | 544,06 |

Ref. 5013



Válvula esfera 3 piezas (clamp)
Características de válvula ver art. 2933.

3 pieces ball valve (clamp)
Valve characteristics see art. 2933.

Actuador GNP/ GNP actuator

| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-44 | 172,5 | 117,5 | 168 | 83 |
| 3/4" | GNP-44 | 178,5 | 117,5 | 168 | 83 |
| 1" | GNP-44 | 201,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-60 | 224,5 | 129,5 | 184 | 92 |
| 2" | GNP-94 | 248,5 | 138,5 | 204 | 103 |
| 2 1/2" | GNP-135 | 287 | 147 | 262 | 108,5 |
| 3" | GNP-198 | 317 | 163 | 268 | 121,5 |
| 4" | GNP-198 | 362 | 163 | 268 | 121,5 |

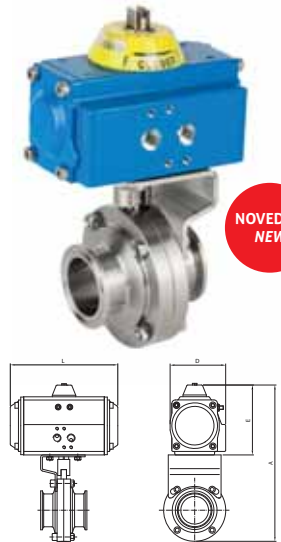
| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-44/S4 | 172,5 | 117,5 | 168 | 83 |
| 3/4" | GNP-44/S4 | 178,5 | 117,5 | 168 | 83 |
| 1" | GNP-60/S5 | 213,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-135/S5 | 242 | 147 | 262 | 108,5 |
| 2" | GNP-198/S5 | 273 | 163 | 268 | 121,5 |
| 2 1/2" | GNP-513/S5 | 340,5 | 201,5 | 390 | 152 |
| 3" | GNP-1280/S5 | 413 | 260 | 525 | 206 |
| 4" | GNP-1280/S5 | 459 | 260 | 525 | 206 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|----------|
| 5013 04 130 | 1/2" | GNP-44 | 3,200 | 202,51 |
| 5013 05 130 | 3/4" | GNP-44 | 3,400 | 211,29 |
| 5013 06 130 | 1" | GNP-44 | 3,730 | 230,85 |
| 5013 08 138 | 1 1/2" | GNP-60 | 5,700 | 328,81 |
| 5013 09 142 | 2" | GNP-94 | 7,700 | 427,37 |
| 5013 10 146 | 2 1/2" | GNP-135 | 14,430 | 683,33 |
| 5013 11 150 | 3" | GNP-198 | 20,500 | 970,57 |
| 5013 12 150 | 4" | GNP-198 | 26,000 | 1.677,35 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|--------|----------|
| 5013 04 134 | 1/2" | GNP-44/S4 | 3,670 | 217,76 |
| 5013 05 132 | 3/4" | GNP-44/S4 | 3,830 | 232,77 |
| 5013 06 140 | 1" | GNP-60/S5 | 4,640 | 287,42 |
| 5013 08 148 | 1 1/2" | GNP-135/S5 | 8,800 | 406,44 |
| 5013 09 154 | 2" | GNP-198/S5 | 11,800 | 578,38 |
| 5013 10 164 | 2 1/2" | GNP-513/S5 | 24,200 | 980,98 |
| 5013 11 172 | 3" | GNP-1280/S5 | 60,700 | 1.573,82 |
| 5013 12 172 | 4" | GNP-1280/S5 | 66,600 | 2.122,77 |

Ref. 5940



Válvula Mariposa extremos clamp
Características de válvula ver art. 2940.

3 pieces ball valve (clamp)
Valve characteristics see art. 2940.

Actuador GNP / GNP actuator

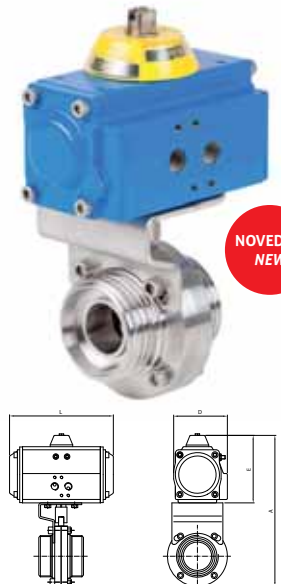
| GNP | | | | | |
|--------|----------|-----|-----|-----|----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-14 | 194 | 90 | 122 | 65 |
| 1 1/2" | GNP-14 | 202 | 90 | 122 | 65 |
| 2" | GNP-14 | 224 | 90 | 122 | 65 |
| 2 1/2" | GNP-24 | 249 | 102 | 147 | 72 |
| 3" | GNP-24 | 263 | 102 | 147 | 72 |
| 4" | GNP-44 | 308 | 118 | 168 | 83 |

| GNP | | | | | |
|--------|-----------|-----|-----|-----|-----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-24/S4 | 206 | 102 | 147 | 72 |
| 1 1/2" | GNP-24/S4 | 214 | 102 | 147 | 72 |
| 2" | GNP-44/S4 | 252 | 118 | 168 | 83 |
| 2 1/2" | GNP-60/S5 | 277 | 130 | 184 | 95 |
| 3" | GNP-60/S5 | 291 | 130 | 184 | 95 |
| 4" | GNP-94/S5 | 329 | 139 | 204 | 103 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|--------|-------|--------|
| 5940 06 122 | 1" | GNP-14 | 2,150 | 234,64 |
| 5940 08 122 | 1 1/2" | GNP-14 | 2,150 | 243,60 |
| 5940 09 122 | 2" | GNP-14 | 2,650 | 273,90 |
| 5940 10 125 | 2 1/2" | GNP-24 | 3,630 | 338,69 |
| 5940 11 125 | 3" | GNP-24 | 3,980 | 380,53 |
| 5940 12 128 | 4" | GNP-44 | 5,630 | 468,45 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-----------|-------|--------|
| 5940 06 126 | 1" | GNP-24/S4 | 2,800 | 256,62 |
| 5940 08 126 | 1 1/2" | GNP-24/S4 | 2,800 | 265,48 |
| 5940 09 134 | 2" | GNP-44/S4 | 3,900 | 349,96 |
| 5940 10 140 | 2 1/2" | GNP-60/S5 | 5,150 | 399,06 |
| 5940 11 140 | 3" | GNP-60/S5 | 5,500 | 440,89 |
| 5940 12 144 | 4" | GNP-94/S5 | 7,200 | 547,11 |

Ref. 5941E



Válvula Mariposa extremos roscados
Características de válvula ver art. 2941E.

3 pieces ball valve (threaded ends)
Valve characteristics see art. 2941E.

Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-----|-----|-----|----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-14 | 194 | 90 | 122 | 65 |
| 1 1/4" | GNP-14 | 202 | 90 | 122 | 65 |
| 1 1/2" | GNP-14 | 202 | 90 | 122 | 65 |
| 2" | GNP-14 | 228 | 90 | 122 | 65 |
| 2 1/2" | GNP-24 | 260 | 102 | 147 | 72 |
| 3" | GNP-24 | 275 | 102 | 147 | 72 |
| 4" | GNP-44 | 314 | 118 | 168 | 83 |

| GNP | | | | | |
|--------|-----------|-----|-----|-----|-----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-24/S4 | 206 | 102 | 147 | 72 |
| 1 1/4" | GNP-24/S4 | 214 | 102 | 147 | 72 |
| 1 1/2" | GNP-24/S4 | 214 | 102 | 147 | 72 |
| 2" | GNP-44/S4 | 256 | 118 | 168 | 83 |
| 2 1/2" | GNP-60/S5 | 288 | 130 | 184 | 95 |
| 3" | GNP-60/S5 | 303 | 130 | 184 | 95 |
| 4" | GNP-94/S5 | 335 | 139 | 204 | 103 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|--------|-------|--------|
| 5941E 06 122 | 1" | GNP-14 | 2,150 | 202,90 |
| 5941E 07 122 | 1 1/4" | GNP-14 | 2,250 | 207,39 |
| 5941E 08 122 | 1 1/2" | GNP-14 | 2,550 | 216,36 |
| 5941E 09 122 | 2" | GNP-14 | 3,250 | 232,87 |
| 5941E 10 125 | 2 1/2" | GNP-24 | 4,580 | 272,86 |
| 5941E 11 125 | 3" | GNP-24 | 5,230 | 319,49 |
| 5941E 12 128 | 4" | GNP-44 | 7,480 | 391,43 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-----------|-------|--------|
| 5941E 06 126 | 1" | GNP-24/S4 | 2,800 | 224,78 |
| 5941E 07 126 | 1 1/4" | GNP-24/S4 | 2,900 | 229,27 |
| 5941E 08 126 | 1 1/2" | GNP-24/S4 | 3,200 | 238,24 |
| 5941E 09 134 | 2" | GNP-44/S4 | 4,500 | 308,93 |
| 5941E 10 140 | 2 1/2" | GNP-60/S5 | 6,100 | 333,22 |
| 5941E 11 140 | 3" | GNP-60/S5 | 6,750 | 379,85 |
| 5941E 12 144 | 4" | GNP-94/S5 | 9,050 | 470,09 |

Ref. 5942E



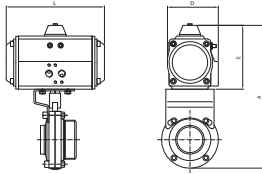
Válvula Mariposa extremos roscados/soldar
Características de válvula ver art. 2942E.

3 piezas ball valve (threaded end/welded)
Valve characteristics see art. 2942E.

Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-----|-----|-----|----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-14 | 194 | 90 | 122 | 65 |
| 1 1/4" | GNP-14 | 202 | 90 | 122 | 65 |
| 1 1/2" | GNP-14 | 202 | 90 | 122 | 65 |
| 2" | GNP-14 | 228 | 90 | 122 | 65 |
| 2 1/2" | GNP-24 | 260 | 102 | 147 | 72 |
| 3" | GNP-24 | 275 | 102 | 147 | 72 |
| 4" | GNP-44 | 314 | 118 | 168 | 83 |

| GNP | | | | | |
|--------|-----------|-----|-----|-----|-----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-24/S4 | 206 | 102 | 147 | 72 |
| 1 1/4" | GNP-24/S4 | 214 | 102 | 147 | 72 |
| 1 1/2" | GNP-24/S4 | 214 | 102 | 147 | 72 |
| 2" | GNP-44/S4 | 256 | 118 | 168 | 83 |
| 2 1/2" | GNP-60/S5 | 288 | 130 | 184 | 95 |
| 3" | GNP-60/S5 | 303 | 130 | 184 | 95 |
| 4" | GNP-94/S5 | 335 | 139 | 204 | 103 |



Ref. 5943E



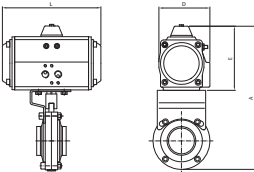
Válvula Mariposa extremos soldar/soldar
Características de válvula ver art. 2943E.

3 piezas ball valve (end welded/welded)
Valve characteristics see art. 2943E.

Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-----|-----|-----|----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-14 | 194 | 90 | 122 | 65 |
| 1 1/4" | GNP-14 | 202 | 90 | 122 | 65 |
| 1 1/2" | GNP-14 | 202 | 90 | 122 | 65 |
| 2" | GNP-14 | 228 | 90 | 122 | 65 |
| 2 1/2" | GNP-24 | 260 | 102 | 147 | 72 |
| 3" | GNP-24 | 275 | 102 | 147 | 72 |
| 4" | GNP-44 | 314 | 118 | 168 | 83 |

| GNP | | | | | |
|--------|-----------|-----|-----|-----|-----|
| MEDIDA | Mod. Act | A | E | L | D |
| 1" | GNP-24/S4 | 206 | 102 | 147 | 72 |
| 1 1/4" | GNP-24/S4 | 214 | 102 | 147 | 72 |
| 1 1/2" | GNP-24/S4 | 214 | 102 | 147 | 72 |
| 2" | GNP-44/S4 | 256 | 118 | 168 | 83 |
| 2 1/2" | GNP-60/S5 | 288 | 130 | 184 | 95 |
| 3" | GNP-60/S5 | 303 | 130 | 184 | 95 |
| 4" | GNP-94/S5 | 335 | 139 | 204 | 103 |



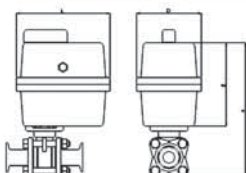
Ref. 5613



Válvula esfera 3 piezas (Clamp)
Características de válvula ver art. 2933
Especificar tensión de alimentación necesaria.

3 piezas Clamp ended ball valve
Valve characteristics see art. 2933
The required tension supply to be specified.

| MED. | A | E | L1 | D |
|--------|-----|-----|-----|-----|
| 1/2" | 203 | 148 | 169 | 104 |
| 3/4" | 209 | 148 | 169 | 104 |
| 1" | 283 | 199 | 169 | 106 |
| 1 1/2" | 294 | 199 | 169 | 106 |
| 2" | 364 | 254 | 235 | 214 |
| 2 1/2" | 393 | 254 | 235 | 214 |
| 3" | 407 | 254 | 235 | 214 |
| 4" | 453 | 254 | 235 | 214 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|--------|-------|--------|
| 5942E 06 122 | 1" | GNP-14 | 2,080 | 200,63 |
| 5942E 07 122 | 1 1/4" | GNP-14 | 2,050 | 207,60 |
| 5942E 08 122 | 1 1/2" | GNP-14 | 2,280 | 214,21 |
| 5942E 09 122 | 2" | GNP-14 | 2,880 | 228,60 |
| 5942E 10 125 | 2 1/2" | GNP-24 | 4,080 | 266,79 |
| 5942E 11 125 | 3" | GNP-24 | 4,530 | 314,50 |
| 5942E 12 128 | 4" | GNP-44 | 6,280 | 366,15 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-----------|-------|--------|
| 5942E 06 126 | 1" | GNP-24/S4 | 2,730 | 222,51 |
| 5942E 07 126 | 1 1/4" | GNP-24/S4 | 2,700 | 229,48 |
| 5942E 08 126 | 1 1/2" | GNP-24/S4 | 2,930 | 236,09 |
| 5942E 09 134 | 2" | GNP-44/S4 | 4,130 | 304,66 |
| 5942E 10 140 | 2 1/2" | GNP-60/S5 | 5,600 | 327,15 |
| 5942E 11 140 | 3" | GNP-60/S5 | 6,050 | 374,86 |
| 5942E 12 144 | 4" | GNP-94/S5 | 7,850 | 445,01 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|--------|-------|--------|
| 5943E 06 122 | 1" | GNP-14 | 1,890 | 197,20 |
| 5943E 07 122 | 1 1/4" | GNP-14 | 2,080 | 205,94 |
| 5943E 08 122 | 1 1/2" | GNP-14 | 2,090 | 210,51 |
| 5943E 09 122 | 2" | GNP-14 | 2,500 | 219,28 |
| 5943E 10 125 | 2 1/2" | GNP-24 | 3,480 | 252,91 |
| 5943E 11 125 | 3" | GNP-24 | 3,780 | 300,13 |
| 5943E 12 128 | 4" | GNP-44 | 5,080 | 338,14 |

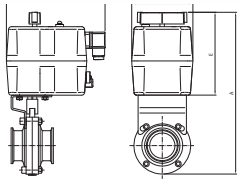
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-----------|-------|--------|
| 5943E 06 126 | 1" | GNP-24/S4 | 2,540 | 219,08 |
| 5943E 07 126 | 1 1/4" | GNP-24/S4 | 2,730 | 227,82 |
| 5943E 08 126 | 1 1/2" | GNP-24/S4 | 2,740 | 232,39 |
| 5943E 09 134 | 2" | GNP-44/S4 | 3,750 | 295,34 |
| 5943E 10 140 | 2 1/2" | GNP-60/S5 | 5,000 | 313,27 |
| 5943E 11 140 | 3" | GNP-60/S5 | 5,300 | 360,49 |
| 5943E 12 144 | 4" | GNP-94/S5 | 6,650 | 417,00 |

| | | | | |
|------------|--------|-------|--------|----------|
| 5613 04 51 | 1/2" | GE-0 | 2,542 | 430,04 |
| 5613 05 51 | 3/4" | GE-0 | 2,700 | 440,12 |
| 5613 06 52 | 1" | GE-1 | 3,536 | 608,32 |
| 5613 08 52 | 1 1/2" | GE-1 | 5,040 | 704,60 |
| 5613 09 53 | 2" | GE-2 | 10,300 | 1.154,18 |
| 5613 10 53 | 2 1/2" | GE-2 | 15,000 | 1.395,04 |
| 5613 11 54 | 3" | GE-2+ | 19,400 | 1.815,24 |
| 5613 12 54 | 4" | GE-2+ | 25,300 | 2.463,40 |

Ref. 5650



NOVEDAD
NEW



Válvula Mariposa extremos clamp
Características de válvula ver art. 2940
Especificar tensión de alimentación necesaria.

Butterfly valve clamp ends
Valve characteristics see art. 2940
The required tension supply to be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1" | 253 | 149 | 177 | 110 |
| 1 1/2" | 261 | 149 | 177 | 110 |
| 2" | 283 | 149 | 177 | 110 |
| 2 1/2" | 296 | 149 | 177 | 110 |
| 3" | 332 | 171 | 177 | 110 |
| 4" | 361 | 171 | 177 | 110 |

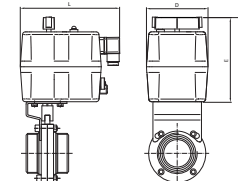
| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|------------------------|----------------|-----------------|
|----------------|----------------|------------------------|----------------|-----------------|

| | | | | |
|------------|--------|-------|-------|--------|
| 5650 06 51 | 1" | GE-0 | 2,850 | 425,52 |
| 5650 08 51 | 1 1/2" | GE-0 | 2,850 | 434,48 |
| 5650 09 51 | 2" | GE-0 | 3,350 | 464,78 |
| 5650 10 51 | 2 1/2" | GE-0 | 3,750 | 513,88 |
| 5650 11 47 | 3" | GE-05 | 4,400 | 555,71 |
| 5650 12 47 | 4" | GE-05 | 5,400 | 714,67 |

Ref. 5651E



NOVEDAD
NEW



Válvula Mariposa extremos roscados
Características de válvula ver art. 2941E
Especificar tensión de alimentación necesaria.

Butterfly valve threaded ends
Valve characteristics see art. 2941E
The required tension supply to be specified.

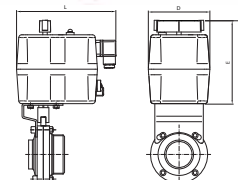
| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1" | 253 | 149 | 177 | 110 |
| 1 1/4" | 261 | 149 | 177 | 110 |
| 1 1/2" | 261 | 149 | 177 | 110 |
| 2" | 287 | 149 | 177 | 110 |
| 2 1/2" | 307 | 149 | 177 | 110 |
| 3" | 344 | 171 | 177 | 110 |
| 4" | 367 | 171 | 177 | 110 |

| | | | | |
|-------------|--------|-------|-------|--------|
| 5651E 06 51 | 1" | GE-0 | 2,850 | 393,78 |
| 5651E 07 51 | 1 1/4" | GE-0 | 2,950 | 398,27 |
| 5651E 08 51 | 1 1/2" | GE-0 | 3,250 | 407,24 |
| 5651E 09 51 | 2" | GE-0 | 3,950 | 423,75 |
| 5651E 10 51 | 2 1/2" | GE-0 | 4,700 | 448,04 |
| 5651E 11 47 | 3" | GE-05 | 5,650 | 494,67 |
| 5651E 12 47 | 4" | GE-05 | 7,250 | 637,65 |

Ref. 5652E



NOVEDAD
NEW



Válvula Mariposa extremos roscado/soldar
Características de válvula ver art. 2942E
Especificar tensión de alimentación necesaria.

Butterfly valve threaded end/welded
Valve characteristics see art. 2942E
The required tension supply to be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1" | 253 | 149 | 177 | 110 |
| 1 1/4" | 261 | 149 | 177 | 110 |
| 1 1/2" | 261 | 149 | 177 | 110 |
| 2" | 287 | 149 | 177 | 110 |
| 2 1/2" | 307 | 149 | 177 | 110 |
| 3" | 344 | 171 | 177 | 110 |
| 4" | 367 | 171 | 177 | 110 |

| | | | | |
|-------------|--------|-------|-------|--------|
| 5652E 06 51 | 1" | GE-0 | 2,780 | 391,51 |
| 5652E 07 51 | 1 1/4" | GE-0 | 2,750 | 398,48 |
| 5652E 08 51 | 1 1/2" | GE-0 | 2,980 | 405,09 |
| 5652E 09 51 | 2" | GE-0 | 3,580 | 419,48 |
| 5652E 10 51 | 2 1/2" | GE-0 | 4,200 | 441,97 |
| 5652E 11 47 | 3" | GE-05 | 4,950 | 489,68 |
| 5652E 12 47 | 4" | GE-05 | 6,050 | 612,37 |

Ref. 5653E

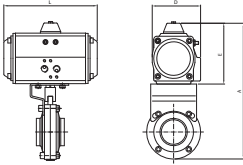


Válvula Mariposa extremos soldar/soldar
Características de válvula ver art. 2943E
Especificar tensión de alimentación necesaria.

Butterfly valve end welded/welded
Valve characteristics see art. 2943E
The required tension supply to be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1" | 253 | 149 | 177 | 110 |
| 1 1/4" | 261 | 149 | 177 | 110 |
| 1 1/2" | 261 | 149 | 177 | 110 |
| 2" | 287 | 149 | 177 | 110 |
| 2 1/2" | 307 | 149 | 177 | 110 |
| 3" | 344 | 171 | 177 | 110 |
| 4" | 367 | 171 | 177 | 110 |

NOVEDAD
NEW



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|------------------------|----------------|-----------------|
|----------------|----------------|------------------------|----------------|-----------------|

| | | | | |
|-------------|--------|-------|-------|--------|
| 5653E 06 51 | 1" | GE-0 | 2,590 | 388,08 |
| 5653E 07 51 | 1 1/4" | GE-0 | 2,780 | 396,82 |
| 5653E 08 51 | 1 1/2" | GE-0 | 2,790 | 401,39 |
| 5653E 09 51 | 2" | GE-0 | 3,200 | 410,16 |
| 5653E 10 51 | 2 1/2" | GE-0 | 3,600 | 428,09 |
| 5653E 11 47 | 3" | GE-05 | 4,200 | 475,31 |
| 5653E 12 47 | 4" | GE-05 | 4,850 | 583,56 |

Ref. 5944 - 5949



Microrruptor final de carrera con actuador simple efecto (2944)
Cabezal de control con 2 detectores.
Cabezal de control con 2 detectores y 1 electroválvula incorporada.

Microswitch end stop with spring return actuator (2944)
Control top with 2 switch.
Control top with 2 switch and 1 solenoid valve inside.

Microrruptor final de carrera con actuador doble efecto (2949)
Cabezal de control con 2 detectores.
Cabezal de control con 2 detectores y 2 electroválvulas incorporadas.

Microswitch end stop with double acting actuator (2949)
Control top with 2 switch.
Control top with 2 switch and 2 solenoid valves inside.

| | | | |
|---------|---|----|--------|
| 5944 01 | - | -- | 615,17 |
| 5944 02 | - | -- | 777,50 |

| | | | |
|---------|---|----|--------|
| 5949 01 | - | -- | 615,17 |
| 5949 02 | - | -- | 931,81 |



3

AUTOMATIZACIÓN Y CONTROL AUTOMATION & CONTROL

Nuestras válvulas pueden ser automatizadas con actuadores neumáticos de doble o simple efecto, actuadores eléctricos; y otros accesorios como reductores manuales, microrruptores, posicionadores.

Our valves can be automated with double or single acting pneumatic actuators and electric actuators, as well as other accessories such as manual gearboxes, micro-switches, and positioners.



VÁLVULAS EQUIPADAS CON ACTUADOR NEUMÁTICO ROTATIVO GIRO 90° SIMPLE EFECTO Y DOBLE EFECTO PARA ACCIONAMIENTO AUTOMÁTICO Y A DISTANCIA

Características de los actuadores

Actuadores neumáticos con piñón y cremallera cuarto de vuelta (90°)

Toda la serie de actuadores han sido proyectados según las normas NAMUR, VDI/VDE 3845 e ISO 5211.

Pueden ser accionados con aire comprimido o gases no corrosivos a presión de 8 y 10 bar según modelo.

Tipos de actuadores

- D.A.**
- Doble efecto
 - Presión aire para abrir y cerrar
- S.R.**
- Simple efecto N.A.
 - Presión aire para cerrar válvula
 - Normal abierto
 - Retorno a posición abierta por muelles
- S.R.**
- Simple efecto N.C.
 - Presión aire para abrir válvula
 - Normal cerrado
 - Retorno a posición cerrada por muelles

Modelos de actuadores

GN / GN-S. Aluminio extrusionado ASTM 6005 con anodizado exterior e interior. Presión de 4 a 10 bar. Temperatura: -20°C +80°C

GNP / GNP-S. Cuerpo y tapas en aleación de aluminio anodizado y posterior recubrimiento externo con pintura de poliéster en polvo para resistencia a la corrosión.

Presión de trabajo de 2,5 a 8 bar. Temperatura de trabajo -20°C + 80°C.

Homologación ATEX. Según Directiva 94/9/CE para atmósferas explosivas: Categoría II2 GDT5 (Zona 1,2/ 21,22)

Notas importantes

Los equipos actuador/válvula que presentamos en esta tarifa, corresponden a las siguientes condiciones de trabajo:

- Líquidos limpios y no agresivos
- Presión diferencial máx.: 16 Kgs./cm².
- Presión de alimentación mínima: 6 Bar.

Para otras condiciones de trabajo, rogamos nos consulten.

Dispositivos de control - Opcionales

Mando manual de emergencia.
Electroválvulas 3 y 5 vías "Namura" IP-65.
Finales de carrera (Electromecánicos- Inductivos)
Posicionadores neumáticos, señal 3-15 psi.
Posicionadores electroneumáticos, señal 4-20 mA.

VALVES EQUIPPED WITH 90° ROTATION PNEUMATIC ACTUATOR SPRING RETURN AND DOUBLE ACTING FOR AUTOMATIC AND REMOTE OPERATION

Characteristics of the actuators

Pneumatic actuators with rack and pinion of quarter turn (90°)

The whole actuator series has been projected according to the standard NAMUR, VDI/VDE 3845 and ISO 5211.

They can be operated with compressed air or any other non-corrosive gases under pressure of 8 and 10 bars according to the model.

Type of actuators

- D.A.**
- Double acting
 - Air pressure for opening and closing
- S.R.**
- Spring Return NA
 - Air pressure for closing valve
 - Normal open
 - Return to opening position by springs
- S.R.**
- Spring Return NC
 - Air pressure for opening valve
 - Normal closed
 - Return to closing position by springs

Actuator models

GN / GN-S. Extruded aluminium ASTM 6005 with all internal and external surfaces anodized for corrosion resistance. Except for Mod. GN10 and GN 10/S. Technopolymer construction with aluminium end. Pressure from 4 to 10 bar. Temperature from -20°C to +80°C.

GNP / GNP-S. Aluminium alloy body and caps with all anodized surface and external surface with powder polyester painted for corrosion resistance. Working pressure from 2.5 to 8 bar. Working temperature -20°C + 80°C.

ATEX certification according. To 94/ 9/ CE for explosives atmospheres: Class II2 GDT5 (Zones 1,2/ 21, 22)

Important

The actuator / valve equipments that we present in this PRICE LIST are suitable for the following working conditions:

- Clean, non-aggressive liquids.
- Differential pressure max. 16 kg/cm²
- Minimum feed pressure: 6 bar
- For other working conditions, please contact us.

Safety devices - Optional

Manual emergency control.
3 and 5 way "Namura" solenoid valve IP-65
Microswitches (Electromechanical- Inductive)
Pneumatic positioners, signal 3-15 psi
Electropneumatic positioners, signal 4-20 mA.

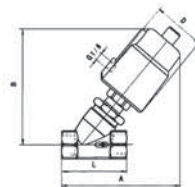
Ref. 5060 - 5060N



Válvula asiento inclinado con actuador neumático de simple efecto
También disponible con rosca NPT (5060N).
Extremos rosca gas, PN.16. Const.: acero inox.
AISI 316 microfundición. Junta actuador: NBR. Presión mando.
Actuador: 3-10 kg/cm². Rango temp. trabajo: -10°C+180°C.

Slanted seat valve with spring return actuator
Also available in NPT thread (5060N).
Gas threaded ends, PN-16. Constr.: stainless steel AISI 316.
investment casting. Actuator seal: NBR.
Working temp. range: -10°C+ 180°C.
Pressure control actuator: 3-10 kg/cm².

| MED. | A | B | L | D |
|--------|-----|-----|-----|----|
| 1/2" | 133 | 126 | 68 | 60 |
| 3/4" | 137 | 131 | 75 | 60 |
| 1" | 149 | 140 | 90 | 65 |
| 1 1/4" | 188 | 175 | 116 | 77 |
| 1 1/2" | 190 | 178 | 116 | 77 |
| 2" | 203 | 184 | 138 | 77 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| | | | | |
|---------|--------|---|-------|--------|
| 5060 04 | 1/2" | - | 0,920 | 133,66 |
| 5060 05 | 3/4" | - | 1,030 | 139,37 |
| 5060 06 | 1" | - | 1,320 | 144,72 |
| 5060 07 | 1 1/4" | - | 2,500 | 221,47 |
| 5060 08 | 1 1/2" | - | 2,640 | 234,95 |
| 5060 09 | 2" | - | 3,550 | 286,21 |

Precios rosca NPT a consultar / NPT thread prices on request

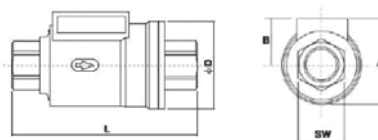
Ref. 5062 - 5062N



Válvula neumática de corredera
También disponible con rosca NPT (5062N).
Construcción en acero inoxidable AISI 304.
Extremos rosca gas. Material de cierre: EPDM.
Conexión neumática Namur.
Presión máxima de trabajo 16 PN.

Pneumatic shuttle valve
Also available with NPT thread (5062N).
Stainless steel material AISI 304.
Gas thread ends. Seat EPDM material.
Namur pneumatic connection.
Maximum working pressure 16 PN.

| MED. | A | B | D | L | SW |
|--------|-----|----|-----|-----|----|
| 3/8" | 54 | 31 | 46 | 98 | 22 |
| 1/2" | 59 | 33 | 52 | 112 | 27 |
| 3/4" | 70 | 38 | 64 | 135 | 32 |
| 1" | 76 | 41 | 69 | 143 | 41 |
| 1 1/4" | 92 | 49 | 86 | 165 | 50 |
| 1 1/2" | 102 | 54 | 96 | 180 | 56 |
| 2" | 114 | 60 | 108 | 207 | 70 |



| | | | | |
|---------|--------|---|-------|--------|
| 5062 03 | 3/8" | - | 0,800 | 101,01 |
| 5062 04 | 1/2" | - | 1,000 | 113,59 |
| 5062 05 | 3/4" | - | 1,500 | 136,27 |
| 5062 06 | 1" | - | 1,920 | 156,67 |
| 5062 07 | 1 1/4" | - | 3,060 | 200,12 |
| 5062 08 | 1 1/2" | - | 3,760 | 241,66 |
| 5062 09 | 2" | - | 5,710 | 322,09 |

Precios rosca NPT a consultar / NPT thread prices on request

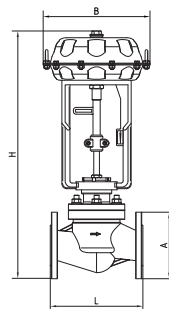
Ref. 5065



Válvula neumática 2 vías modulante
Construcción en acero al carbono WCB.
Extremos bridados DIN PN 16.
Asiento PPL. Señal de mando 3-15 PSI.
Temperatura de trabajo -20°C / + 250°C.

2 ways modulate pneumatic valve
Body: carbon steel WCB.
DIN PN 16 flange ends.
Seat material: PPL. 3-15 PSI signal command.
Working temperature -20°C / +250°C.

| MED. | A | B | H | L |
|--------|-----|-----|-----|-----|
| 1/2" | 95 | 228 | 447 | 150 |
| 3/4" | 105 | 228 | 467 | 150 |
| 1" | 115 | 228 | 480 | 160 |
| 1 1/4" | 140 | 228 | 480 | 180 |
| 1 1/2" | 150 | 272 | 530 | 200 |
| 2" | 165 | 272 | 540 | 230 |
| 2 1/2" | 185 | 272 | 560 | 290 |
| 3" | 200 | 272 | 560 | 310 |
| 4" | 220 | 272 | 580 | 350 |



| | | | | |
|---------|--------|---|--------|----------|
| 5065 04 | 1/2" | - | 16,000 | - |
| 5065 05 | 3/4" | - | 18,000 | 884,85 |
| 5065 06 | 1" | - | 19,000 | 914,90 |
| 5065 07 | 1 1/4" | - | 21,000 | 987,95 |
| 5065 08 | 1 1/2" | - | 30,000 | 1.071,00 |
| 5065 09 | 2" | - | 33,000 | 1.216,51 |
| 5065 10 | 2 1/2" | - | 48,000 | 1.706,65 |
| 5065 11 | 3" | - | 50,000 | 2.911,37 |
| 5065 12 | 4" | - | 65,000 | 3.776,28 |

Ref. 5065A

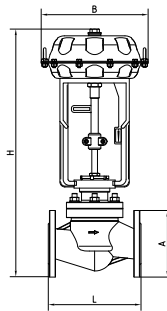


NOVEDAD
NEW

Válvula neumática 2 vías modulante
 Construcción en acero al carbono WCB.
 Extremos bridados ANSI 5-150.
 Asientos PPL. Señal de mando 3-15 PSI
 Temperatura de trabajo -10°C / + 250°C

2 ways modulate pneumatic valve
 Body: carbon steel WCB.
 ANSI 5-150 Flange ends.
 Seat material: PPL. 3-15 PSI signal command.
 Working temperature -10°C / +250°C

| MED. | A | B | H | L |
|--------|-------|-----|-----|-----|
| 3/4" | 98,6 | 228 | 467 | 184 |
| 1" | 108 | 228 | 480 | 184 |
| 1 1/4" | 117 | 228 | 480 | 200 |
| 1 1/2" | 127 | 272 | 540 | 222 |
| 2" | 152,5 | 272 | 540 | 254 |
| 2 1/2" | 177,8 | 272 | 570 | 276 |
| 3" | 190,5 | 272 | 580 | 298 |
| 4" | 228,6 | 272 | 580 | 352 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|------------------------|----------------|-----------------|
|----------------|----------------|------------------------|----------------|-----------------|

| | | | | |
|----------|--------|---|--------|----------|
| 5065A 05 | 3/4" | - | 18,000 | 1.121,38 |
| 5065A 06 | 1" | - | 19,000 | 1.159,01 |
| 5065A 07 | 1 1/4" | - | 22,000 | 1.241,80 |
| 5065A 08 | 1 1/2" | - | 29,000 | 1.369,74 |
| 5065A 09 | 2" | - | 32,000 | 1.482,63 |
| 5065A 10 | 2 1/2" | - | 46,000 | 2.126,11 |
| 5065A 11 | 3" | - | 50,000 | 3.179,00 |
| 5065A 12 | 4" | - | 66,000 | 4.447,89 |

Ref. 5015



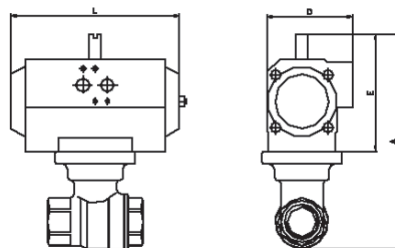
Válvula esfera 2 piezas
 Características de válvula ver art. 2015.

2 pieces ball valve
 Valve characteristics see art. 2015.

Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-------|-------|-----|----|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-14 | 132 | 80 | 122 | 65 |
| 3/8" | GNP-14 | 132 | 80 | 122 | 65 |
| 1/2" | GNP-14 | 165 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 174 | 80 | 122 | 65 |
| 1" | GNP-14 | 180 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 202,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 214,5 | 177,5 | 168 | 83 |
| 2" | GNP-44 | 228,5 | 177,5 | 168 | 83 |

| GNP | | | | | |
|--------|------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-24/S4 | 154 | 102 | 147 | 71,5 |
| 3/8" | GNP-24/S4 | 154 | 102 | 147 | 71,5 |
| 1/2" | GNP-24/S4 | 157 | 102 | 147 | 71,5 |
| 3/4" | GNP-44/S4 | 181,5 | 117,5 | 168 | 83 |
| 1" | GNP-44/S5 | 186,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 214,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 235,5 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 258 | 147 | 262 | 108,5 |



| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|--------|-------|--------|
| 5015 02 120 | 1/4" | GNP-14 | 1,100 | 110,74 |
| 5015 03 120 | 3/8" | GNP-14 | 1,090 | 110,74 |
| 5015 04 122 | 1/2" | GNP-14 | 1,150 | 111,36 |
| 5015 05 122 | 3/4" | GNP-14 | 1,430 | 117,70 |
| 5015 06 122 | 1" | GNP-14 | 1,580 | 129,25 |
| 5015 07 128 | 1 1/4" | GNP-44 | 3,460 | 166,94 |
| 5015 08 128 | 1 1/2" | GNP-44 | 4,010 | 185,24 |
| 5015 09 128 | 2" | GNP-44 | 4,930 | 231,40 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|------------|-------|--------|
| 5015 02 124 | 1/4" | GNP-24/S4 | 1,795 | 121,00 |
| 5015 03 124 | 3/8" | GNP-24/S4 | 1,795 | 121,00 |
| 5015 04 126 | 1/2" | GNP-24/S4 | 1,850 | 145,11 |
| 5015 05 132 | 3/4" | GNP-44/S4 | 2,830 | 161,82 |
| 5015 06 136 | 1" | GNP-44/S4 | 2,980 | 183,82 |
| 5015 07 140 | 1 1/4" | GNP-60/S5 | 4,250 | 223,86 |
| 5015 08 144 | 1 1/2" | GNP-94/S5 | 5,510 | 262,08 |
| 5015 09 148 | 2" | GNP-135/S5 | 8,330 | 313,84 |

Ref. 5025 - 5026 - 5027

Válvula esfera 3 piezas
Características de válvula ver art. 2025/2026/2027.

3 pieces ball valve
Valve characteristics see art. 2025/2026/2027.

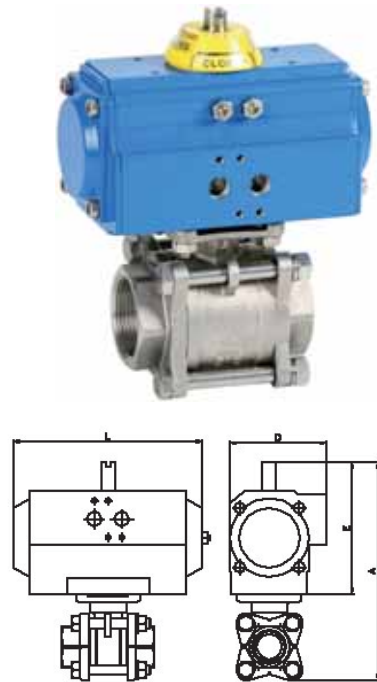
Actuador Gen-Air / Gen-Air actuator



| GN | | | | | |
|--------|----------|-----|-----|-----|----|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GN-05 | 157 | 101 | 119 | 67 |
| 3/8" | GN-05 | 157 | 101 | 119 | 67 |
| 1/2" | GN-05 | 190 | 101 | 119 | 67 |
| 3/4" | GN-05 | 199 | 101 | 119 | 67 |
| 1" | GN-05 | 204 | 101 | 119 | 67 |
| 1 1/4" | GN-15 | 211 | 121 | 165 | 85 |
| 1 1/2" | GN-15 | 221 | 121 | 165 | 85 |
| 2" | GN-17 | 234 | 121 | 197 | 85 |
| 2 1/2" | GN-20 | 315 | 143 | 177 | 96 |
| 3" | GN-25 | 336 | 143 | 239 | 96 |
| 4" | GN-35 | 403 | 143 | 239 | 96 |

| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GN-05/S2 | 157 | 101 | 119 | 67 |
| 3/8" | GN-05/S2 | 157 | 101 | 119 | 67 |
| 1/2" | GN-15/S3 | 180 | 121 | 165 | 85 |
| 3/4" | GN-15/S4 | 189 | 121 | 165 | 85 |
| 1" | GN-17/S4 | 194 | 121 | 197 | 85 |
| 1 1/4" | GN-20/S4 | 233 | 143 | 177 | 96 |
| 1 1/2" | GN-25/S4 | 243 | 143 | 239 | 96 |
| 2" | GN-30/S4 | 275 | 162 | 230 | 113 |
| 2 1/2" | GN-35/S3 | 368 | 196 | 246 | 138 |
| 3" | GN-40/S4 | 389 | 196 | 290 | 138 |
| 4" | GN-45/S4 | 468 | 208 | 351 | 151 |

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-14 | 136 | 80 | 122 | 65 |
| 3/8" | GNP-14 | 136 | 80 | 122 | 65 |
| 1/2" | GNP-14 | 169 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 178 | 80 | 122 | 65 |
| 1" | GNP-14 | 183 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 207,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 217,5 | 117,5 | 168 | 83 |
| 2" | GNP-44 | 230,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-60 | 301,5 | 129,5 | 184 | 92 |
| 3" | GNP-94 | 331,5 | 138,5 | 204 | 103 |
| 4" | GNP-198 | 423 | 163 | 268 | 121,5 |

| GNP | | | | | |
|--------|------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-24/S4 | 158 | 102 | 147 | 71,5 |
| 3/8" | GNP-24/S4 | 158 | 102 | 147 | 71,5 |
| 1/2" | GNP-24/S4 | 161 | 102 | 147 | 71,5 |
| 3/4" | GNP-44/S4 | 185,5 | 117,5 | 168 | 83 |
| 1" | GNP-44/S5 | 190,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 219,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 238,5 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 260 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-198/S4 | 335 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 378 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 461,5 | 201,5 | 390 | 152 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|--------|--------|
| 5025 / 5026 / 5027 | | | | |
| 02 43 | 1/4" | GN-05 | 1,240 | 109,42 |
| 03 43 | 3/8" | GN-05 | 1,230 | 109,45 |
| 04 44 | 1/2" | GN-05 | 1,290 | 110,87 |
| 05 44 | 3/4" | GN-05 | 1,670 | 117,23 |
| 06 44 | 1" | GN-05 | 1,870 | 123,56 |
| 07 48 | 1 1/4" | GN-15 | 3,650 | 169,35 |
| 08 48 | 1 1/2" | GN-15 | 4,180 | 187,73 |
| 09 52 | 2" | GN-17 | 5,820 | 236,25 |
| 10 64 | 2 1/2" | GN-20 | 11,370 | 412,23 |
| 11 65 | 3" | GN-25 | 16,400 | 541,91 |
| 12 67 | 4" | GN-35 | 28,930 | 893,30 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|--------|----------|
| 5025 / 5026 / 5027 | | | | |
| 02 45 | 1/4" | GN-05/S2 | 1,335 | 118,53 |
| 03 45 | 3/8" | GN-05/S2 | 1,335 | 118,53 |
| 04 73 | 1/2" | GN-15/S3 | 2,450 | 147,16 |
| 05 74 | 3/4" | GN-15/S4 | 2,820 | 165,04 |
| 06 49 | 1" | GN-17/S4 | 3,610 | 180,41 |
| 07 76 | 1 1/4" | GN-20/S4 | 5,000 | 230,95 |
| 08 77 | 1 1/2" | GN-25/S4 | 6,940 | 270,85 |
| 09 78 | 2" | GN-30/S4 | 9,050 | 322,41 |
| 10 79 | 2 1/2" | GN-35/S3 | 17,520 | 553,29 |
| 11 80 | 3" | GN-40/S4 | 23,100 | 714,09 |
| 12 81 | 4" | GN-45/S4 | 36,370 | 1.057,17 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|--------|
| 5025 / 5026 / 5027 | | | | |
| 02 120 | 1/4" | GNP-14 | 1,190 | 114,89 |
| 03 120 | 3/8" | GNP-14 | 1,180 | 114,92 |
| 04 122 | 1/2" | GNP-14 | 1,240 | 116,41 |
| 05 122 | 3/4" | GNP-14 | 1,620 | 123,09 |
| 06 122 | 1" | GNP-14 | 1,820 | 129,74 |
| 07 128 | 1 1/4" | GNP-44 | 3,920 | 177,82 |
| 08 128 | 1 1/2" | GNP-44 | 4,450 | 197,12 |
| 09 128 | 2" | GNP-44 | 5,570 | 248,06 |
| 10 142 | 2 1/2" | GNP-94 | 11,800 | 432,84 |
| 11 142 | 3" | GNP-94 | 15,700 | 569,01 |
| 12 150 | 4" | GNP-198 | 27,250 | 937,96 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|------------|--------|----------|
| 5025 / 5026 / 5027 | | | | |
| 02 124 | 1/4" | GNP-24/S4 | 1,900 | 124,46 |
| 03 124 | 3/8" | GNP-24/S4 | 1,900 | 124,46 |
| 04 126 | 1/2" | GNP-24/S4 | 1,930 | 154,52 |
| 05 132 | 3/4" | GNP-44/S4 | 3,000 | 173,29 |
| 06 136 | 1" | GNP-44/S4 | 3,220 | 189,43 |
| 07 140 | 1 1/4" | GNP-60/S5 | 4,650 | 242,49 |
| 08 144 | 1 1/2" | GNP-94/S5 | 6,060 | 284,39 |
| 09 148 | 2" | GNP-135/S5 | 8,980 | 338,53 |
| 10 152 | 2 1/2" | GNP-198/S4 | 15,200 | 580,95 |
| 11 160 | 3" | GNP-300/S5 | 22,790 | 780,03 |
| 12 164 | 4" | GNP-513/S5 | 35,750 | 1.130,60 |

Ref. 5029

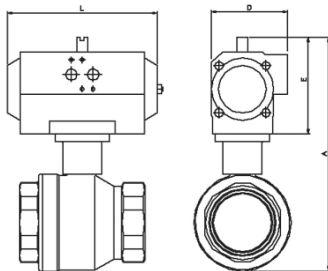
Válvula esfera 2 piezas

Características de válvula ver art. 3023 hasta 2"y ver art. 3029 de 2 1/2" a 4".

2 piezas ball valve

Valve characteristics see art. 3023 until 2" and see art. 3029 from 2 1/2" to 4".

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 123 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 130 | 80 | 122 | 65 |
| 1" | GNP-14 | 137 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 187,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 198,5 | 117,5 | 168 | 83 |
| 2" | GNP-44 | 216,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94 | 296,5 | 138,5 | 204 | 105 |
| 3" | GNP-135 | 331 | 147 | 262 | 108,5 |
| 4" | GNP-300 | 410 | 185 | 296 | 142 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-24/S4 | 145 | 102 | 147 | 71,5 |
| 3/4" | GNP-24/S4 | 152 | 102 | 147 | 71,5 |
| 1" | GNP-44/S4 | 174,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-44/S4 | 187,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-60/S5 | 200,5 | 119,5 | 184 | 95 |
| 2" | GNP-94/S5 | 228 | 129 | 204 | 103 |
| 2 1/2" | GNP-300/S5 | 349 | 185 | 296 | 142 |
| 3" | GNP-513/S5 | 385,5 | 201,5 | 390 | 152 |
| 4" | GNP-1280/S5 | 480 | 260 | 525 | 206 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|--------|
| 5029 04 120 | 1/2" | GNP-14 | 1,030 | 103,64 |
| 5029 05 120 | 3/4" | GNP-14 | 1,145 | 107,28 |
| 5029 06 122 | 1" | GNP-14 | 1,330 | 112,99 |
| 5029 07 128 | 1 1/4" | GNP-44 | 2,980 | 157,76 |
| 5029 08 128 | 1 1/2" | GNP-44 | 3,370 | 168,46 |
| 5029 09 128 | 2" | GNP-44 | 4,200 | 199,19 |
| 5029 10 142 | 2 1/2" | GNP-94 | 6,950 | 376,15 |
| 5029 11 146 | 3" | GNP-135 | 10,100 | 443,70 |
| 5029 12 158 | 4" | GNP-300 | 18,830 | 593,87 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|--------|--------|
| 5029 04 124 | 1/2" | GNP-24/S4 | 1,730 | 106,73 |
| 5029 05 124 | 3/4" | GNP-24/S4 | 1,840 | 110,49 |
| 5029 06 134 | 1" | GNP-44/S4 | 2,730 | 154,49 |
| 5029 07 132 | 1 1/4" | GNP-44/S4 | 3,080 | 187,68 |
| 5029 08 140 | 1 1/2" | GNP-60/S5 | 4,170 | 213,09 |
| 5029 09 144 | 2" | GNP-94/S5 | 5,700 | 268,96 |
| 5029 10 160 | 2 1/2" | GNP-300/S5 | 14,050 | 521,49 |
| 5029 11 164 | 3" | GNP-513/S5 | 19,500 | 630,28 |
| 5029 12 172 | 4" | GNP-1280/S5 | 54,650 | 919,35 |

Ref. 5070

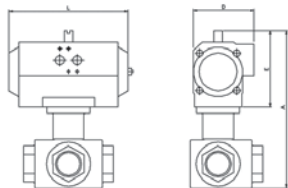
Válvula de esfera 3 vías "L"

Características de válvula ver art. 3272.

"L" 3 ways ball valve

Valve characteristics see art. 3272.

Actuador GNP / GNP actuator



| GNP | | | | | |
|------|----------|-----|----|-----|----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 134 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 143 | 80 | 122 | 65 |
| 1" | GNP-14 | 152 | 80 | 122 | 65 |

| GNP | | | | | |
|------|-----------|-------|-------|-----|------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-24/S4 | 156 | 102 | 147 | 71,5 |
| 3/4" | GNP-24/S4 | 165 | 102 | 147 | 71,5 |
| 1" | GNP-44/S4 | 189,5 | 117,5 | 168 | 83 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|------|--------|-------|--------|
| 5070 04 120 | 1/2" | GNP-14 | 1,280 | 107,98 |
| 5070 05 122 | 3/4" | GNP-14 | 1,540 | 115,68 |
| 5070 06 122 | 1" | GNP-14 | 1,900 | 132,56 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|------|-----------|-------|--------|
| 5070 04 124 | 1/2" | GNP-24/S4 | 1,980 | 107,98 |
| 5070 05 126 | 3/4" | GNP-24/S4 | 2,240 | 115,68 |
| 5070 06 134 | 1" | GNP-44/S4 | 3,300 | 132,56 |

Ref. 5080

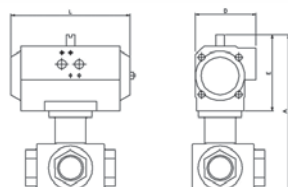
Válvula esfera 3 vías "T"

Características de válvula ver art. 3282.

"T" 3 ways ball valve

Valve characteristics see art. 3282

Actuador GNP / GNP actuator



| GNP | | | | | |
|------|----------|-----|----|-----|----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 134 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 143 | 80 | 122 | 65 |
| 1" | GNP-14 | 152 | 80 | 122 | 65 |

| GNP | | | | | |
|------|-----------|-------|-------|-----|------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-24/S4 | 156 | 102 | 147 | 71,5 |
| 3/4" | GNP-24/S4 | 165 | 102 | 147 | 71,5 |
| 1" | GNP-44/S4 | 189,5 | 117,5 | 168 | 83 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|------|--------|-------|--------|
| 5080 04 120 | 1/2" | GNP-14 | 1,280 | 107,98 |
| 5080 05 122 | 3/4" | GNP-14 | 1,540 | 115,68 |
| 5080 06 122 | 1" | GNP-14 | 1,900 | 132,56 |

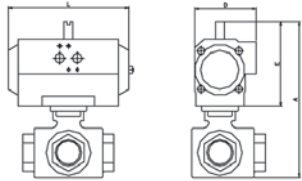
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|------|-----------|-------|--------|
| 5080 04 124 | 1/2" | GNP-24/S4 | 1,980 | 107,98 |
| 5080 05 126 | 3/4" | GNP-24/S4 | 2,240 | 115,68 |
| 5080 06 134 | 1" | GNP-44/S4 | 3,300 | 132,56 |

Ref. 5040

Válvula esfera 3 vías "L"
Características de válvula ver art. 2040.

"L" 3 ways ball valve
Valve characteristics see art. 2040.

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-14 | 142 | 80 | 122 | 65 |
| 3/8" | GNP-14 | 142 | 80 | 122 | 65 |
| 1/2" | GNP-14 | 142 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 151,5 | 80 | 122 | 65 |
| 1" | GNP-44 | 203,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-44 | 218 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 230,5 | 117,5 | 168 | 83 |
| 2" | GNP-44 | 248 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94 | 289 | 139 | 204 | 103 |

| GNP | | | | | |
|--------|------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-24/S4 | 164 | 102 | 147 | 71,5 |
| 3/8" | GNP-24/S4 | 164 | 102 | 147 | 71,5 |
| 1/2" | GNP-24/S4 | 164 | 102 | 147 | 71,5 |
| 3/4" | GNP-44/S4 | 189 | 117,5 | 168 | 83 |
| 1" | GNP-44/S4 | 203,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 230 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 251,5 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 277,5 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-196/S6 | 313 | 163 | 268 | 122 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|--------|--------|--------|
| 5040 02 122 | 1/4" | GNP-14 | 1,660 | 163,17 |
| 5040 03 122 | 3/8" | GNP-14 | 1,650 | 163,17 |
| 5040 04 122 | 1/2" | GNP-14 | 1,700 | 165,27 |
| 5040 05 122 | 3/4" | GNP-14 | 1,800 | 182,82 |
| 5040 06 128 | 1" | GNP-44 | 4,060 | 217,25 |
| 5040 07 128 | 1 1/4" | GNP-44 | 5,030 | 275,84 |
| 5040 08 128 | 1 1/2" | GNP-44 | 5,980 | 336,00 |
| 5040 09 128 | 2" | GNP-44 | 9,100 | 505,66 |
| 5040 10 142 | 2 1/2" | GNP-94 | 12,100 | 725,75 |

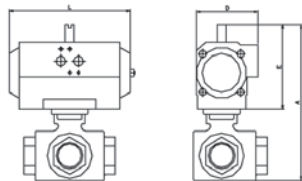
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|------------|--------|--------|
| 5040 02 126 | 1/4" | GNP-24/S4 | 2,315 | 173,06 |
| 5040 03 126 | 3/8" | GNP-24/S4 | 2,305 | 173,06 |
| 5040 04 126 | 1/2" | GNP-24/S4 | 2,355 | 174,56 |
| 5040 05 132 | 3/4" | GNP-44/S4 | 3,050 | 222,11 |
| 5040 06 132 | 1" | GNP-44/S4 | 3,940 | 249,14 |
| 5040 07 140 | 1 1/4" | GNP-60/S5 | 5,350 | 322,66 |
| 5040 08 144 | 1 1/2" | GNP-94/S5 | 7,520 | 412,49 |
| 5040 09 148 | 2" | GNP-135/S5 | 12,680 | 585,02 |
| 5040 10 156 | 2 1/2" | GNP-198/S6 | 15,58 | 856,70 |

Ref. 5041

Válvula esfera 3 vías "T"
Características de válvula ver art. 2041.

"T" 3 ways ball valve
Valve characteristics see art. 2041.

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-14 | 142 | 80 | 122 | 65 |
| 3/8" | GNP-14 | 142 | 80 | 122 | 65 |
| 1/2" | GNP-14 | 142 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 151,5 | 80 | 122 | 65 |
| 1" | GNP-44 | 203,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-44 | 218 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 230,5 | 117,5 | 168 | 83 |
| 2" | GNP-44 | 248 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94 | 289 | 139 | 204 | 103 |

| GNP | | | | | |
|--------|------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/4" | GNP-24/S4 | 164 | 102 | 147 | 71,5 |
| 3/8" | GNP-24/S4 | 164 | 102 | 147 | 71,5 |
| 1/2" | GNP-24/S4 | 164 | 102 | 147 | 71,5 |
| 3/4" | GNP-44/S4 | 189 | 117,5 | 168 | 83 |
| 1" | GNP-44/S4 | 203,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 230 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 251,5 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 277,5 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-196/S6 | 313 | 163 | 268 | 122 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|--------|--------|--------|
| 5041 02 122 | 1/4" | GNP-14 | 1,660 | 163,76 |
| 5041 03 122 | 3/8" | GNP-14 | 1,650 | 163,76 |
| 5041 04 122 | 1/2" | GNP-14 | 1,700 | 165,27 |
| 5041 05 122 | 3/4" | GNP-14 | 1,800 | 182,82 |
| 5041 06 128 | 1" | GNP-44 | 4,060 | 217,25 |
| 5041 07 128 | 1 1/4" | GNP-44 | 5,030 | 275,84 |
| 5041 08 128 | 1 1/2" | GNP-44 | 5,980 | 336,00 |
| 5041 09 128 | 2" | GNP-44 | 9,100 | 505,56 |
| 5041 10 142 | 2 1/2" | GNP-94 | 12,100 | 727,75 |

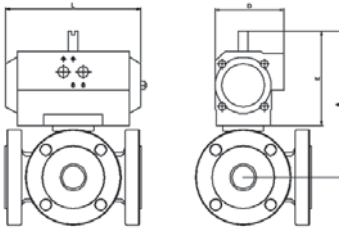
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|------------|--------|--------|
| 5041 02 126 | 1/4" | GNP-24/S4 | 2,315 | 172,99 |
| 5041 03 126 | 3/8" | GNP-24/S4 | 2,305 | 172,99 |
| 5041 04 126 | 1/2" | GNP-24/S4 | 2,355 | 172,99 |
| 5041 05 132 | 3/4" | GNP-44/S4 | 3,050 | 222,11 |
| 5041 06 132 | 1" | GNP-44/S4 | 3,940 | 246,33 |
| 5041 07 140 | 1 1/4" | GNP-60/S5 | 5,350 | 321,23 |
| 5041 08 144 | 1 1/2" | GNP-94/S5 | 7,520 | 412,49 |
| 5041 09 148 | 2" | GNP-135/S5 | 12,680 | 585,02 |
| 5041 10 156 | 2 1/2" | GNP-198/S6 | 15,58 | 865,14 |

Ref. 5540

Válvula esfera 3 vías bridada "L"
Características de válvula ver art. 2540.

"L" ways ball valve with flanges
Valve characteristics see art. 2540.

Actuador GNP / GNP actuador



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1" | GNP-44 | 187,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-44 | 194,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-60 | 193,5 | 129,5 | 184 | 92 |
| 2" | GNP-94 | 230,5 | 138,5 | 204 | 103 |
| 2 1/2" | GNP-135 | 235 | 147 | 262 | 108,5 |
| 3" | GNP-198 | 282 | 163 | 268 | 121,5 |
| 4" | GNP-513 | 351,5 | 201,5 | 390 | 152 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L1 | D |
| 1" | GNP-94/S5 | 208,5 | 138,5 | 204 | 103 |
| 1 1/4" | GNP-135/S5 | 224 | 147 | 262 | 108,5 |
| 1 1/2" | GNP-198/S4 | 249 | 163 | 268 | 121,5 |
| 2" | GNP-300/S5 | 277 | 185 | 296 | 142 |
| 2 1/2" | GNP-513/S5 | 308,5 | 201,5 | 390 | 152 |
| 3" | GNP-800/S5 | 346 | 227 | 454 | 174 |
| 4" | GNP-1280/S5 | 410 | 260 | 525 | 206 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|-----------------|
| 5540 06 128 | 1" | GNP-44 | 9,900 | 714,37 |
| 5540 07 128 | 1 1/4" | GNP-44 | 13,700 | 868,01 |
| 5540 08 138 | 1 1/2" | GNP-60 | 17,400 | 1.077,11 |
| 5540 09 142 | 2" | GNP-94 | 23,000 | 1.479,84 |
| 5540 10 146 | 2 1/2" | GNP-135 | 34,700 | 2.450,74 |
| 5540 11 150 | 3" | GNP-198 | 47,900 | 3.357,27 |
| 5540 12 162 | 4" | GNP-513 | 72,300 | 4.782,09 |

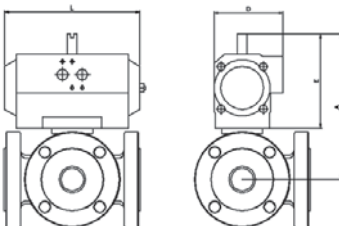
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|-----------------|
| 5540 06 144 | 1" | GNP-94/S5 | 11,400 | 791,07 |
| 5540 07 148 | 1 1/4" | GNP-135/S5 | 17,140 | 960,87 |
| 5540 08 152 | 1 1/2" | GNP-198/S4 | 21,400 | 1.216,24 |
| 5540 09 160 | 2" | GNP-300/S5 | 30,100 | 1.638,04 |
| 5540 10 164 | 2 1/2" | GNP-513/S5 | 44,100 | 2.672,98 |
| 5540 11 168 | 3" | GNP-800/S5 | 65,300 | 3.680,57 |
| 5540 12 172 | 4" | GNP-1280/S5 | 106,400 | 5.080,73 |

Ref. 5541

Válvula esfera 3 vías bridada "T"
Características de válvula ver art. 2541.

"T" 3 ways ball valve with flanges
Valve characteristics see art. 2541.

Actuador GNP / GNP actuador



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1" | GNP-44 | 187,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-44 | 194,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-60 | 193,5 | 129,5 | 184 | 92 |
| 2" | GNP-94 | 230,5 | 138,5 | 204 | 103 |
| 2 1/2" | GNP-135 | 235 | 147 | 262 | 108,5 |
| 3" | GNP-198 | 282 | 163 | 268 | 121,5 |
| 4" | GNP-513 | 351,5 | 201,5 | 390 | 152 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1" | GNP-94/S5 | 208,5 | 138,5 | 204 | 103 |
| 1 1/4" | GNP-135/S5 | 224 | 147 | 262 | 108,5 |
| 1 1/2" | GNP-198/S4 | 249 | 163 | 268 | 121,5 |
| 2" | GNP-300/S5 | 277 | 185 | 296 | 142 |
| 2 1/2" | GNP-513/S5 | 308,5 | 201,5 | 390 | 152 |
| 3" | GNP-800/S5 | 346 | 227 | 454 | 174 |
| 4" | GNP-1280/S5 | 410 | 260 | 525 | 206 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|-----------------|
| 5541 06 128 | 1" | GNP-44 | 9,900 | 652,26 |
| 5541 07 128 | 1 1/4" | GNP-44 | 13,700 | 777,73 |
| 5541 08 138 | 1 1/2" | GNP-60 | 17,400 | 1.023,38 |
| 5541 09 142 | 2" | GNP-94 | 23,000 | 1.328,59 |
| 5541 10 146 | 2 1/2" | GNP-135 | 34,700 | 2.300,16 |
| 5541 11 150 | 3" | GNP-198 | 47,900 | 3.290,12 |
| 5541 12 162 | 4" | GNP-513 | 72,300 | 4.256,76 |

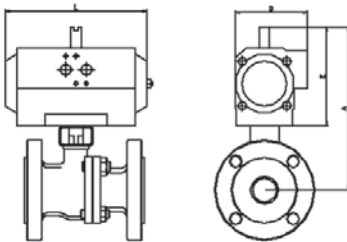
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|-----------------|
| 5541 06 144 | 1" | GNP-94/S5 | 11,400 | 738,89 |
| 5541 07 148 | 1 1/4" | GNP-135/S5 | 17,140 | 871,23 |
| 5541 08 152 | 1 1/2" | GNP-198/S4 | 21,400 | 1.173,20 |
| 5541 09 160 | 2" | GNP-300/S5 | 30,100 | 1.503,88 |
| 5541 10 164 | 2 1/2" | GNP-513/S5 | 44,100 | 2.535,98 |
| 5541 11 168 | 3" | GNP-800/S5 | 65,300 | 3.606,96 |
| 5541 12 172 | 4" | GNP-1280/S5 | 106,400 | 4.582,06 |

Ref. 5525

Válvula esfera 2 piezas bridada
Características de válvula ver art. 2525.

2 pieces full bore ball valve
Valve characteristics see art. 2525.

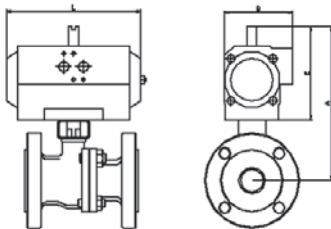
Actuador Gen-Air / Gen-Air actuator



| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-15 | 170 | 121 | 165 | 85 |
| 3/4" | GN-15 | 175 | 121 | 165 | 85 |
| 1" | GN-15 | 181 | 121 | 165 | 85 |
| 1 1/4" | GN-15 | 194 | 121 | 165 | 85 |
| 1 1/2" | GN-15 | 199 | 121 | 165 | 85 |
| 2" | GN-20 | 229 | 143 | 177 | 96 |
| 2 1/2" | GN-20 | 241 | 143 | 177 | 96 |
| 3" | GN-25 | 256 | 143 | 239 | 96 |
| 4" | GN-35 | 332 | 196 | 246 | 138 |
| 5" | GN-40 | 396 | 196 | 290 | 138 |
| 6" | GN-45 | 458 | 208 | 351 | 151 |
| 8" | GN-55 | 648 | 248 | 418 | 185 |

| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-15/S3 | 170 | 121 | 165 | 85 |
| 3/4" | GN-15/S4 | 175 | 121 | 165 | 85 |
| 1" | GN-20/S3 | 203 | 143 | 177 | 96 |
| 1 1/4" | GN-20/S4 | 216 | 143 | 177 | 96 |
| 1 1/2" | GN-25/S4 | 221 | 143 | 239 | 96 |
| 2" | GN-30/S4 | 248 | 162 | 230 | 113 |
| 2 1/2" | GN-35/S3 | 294 | 196 | 246 | 138 |
| 3" | GN-40/S4 | 309 | 196 | 290 | 138 |
| 4" | GN-45/S4 | 344 | 208 | 351 | 151 |
| 5" | GN-55/S4 | 448 | 248 | 418 | 185 |
| 6" | GN-55/S5 | 498 | 248 | 418 | 185 |
| 8" | GN-65/S5 | 705 | 305 | 502 | 235 |

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-44 | 166,5 | 117,5 | 168 | 83 |
| 3/4" | GNP-44 | 171,5 | 117,5 | 168 | 83 |
| 1" | GNP-44 | 177,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-44 | 190,5 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 195,5 | 117,5 | 168 | 83 |
| 2" | GNP-60 | 215,5 | 129,5 | 184 | 92 |
| 2 1/2" | GNP-60 | 227,5 | 129,5 | 184 | 92 |
| 3" | GNP-94 | 251,5 | 138,5 | 204 | 103 |
| 4" | GNP-198 | 299 | 163 | 268 | 121,5 |
| 5" | GNP-300 | 385 | 185 | 296 | 142 |
| 6" | GNP-513 | 451,5 | 201,5 | 390 | 152 |
| 8" | GNP-800 | 627 | 227 | 454 | 174 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-24/S4 | 151 | 102 | 147 | 71,5 |
| 3/4" | GNP-44/S4 | 171,5 | 117,5 | 168 | 83 |
| 1" | GNP-60/S5 | 189,5 | 129,5 | 184 | 92 |
| 1 1/4" | GNP-60/S5 | 202,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 216,5 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 233 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-198/S4 | 261 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 298 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 337,5 | 201,5 | 390 | 152 |
| 5" | GNP-1280/S5 | 460 | 260 | 525 | 206 |
| 6" | GNP-1280/S5 | 510 | 260 | 525 | 206 |
| 8" | GNP-2300/S5 | 718 | 318 | 610 | 260 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|---------|----------|
| 5525 04 62 | 1/2" | GN-15 | 4,030 | 173,51 |
| 5525 05 63 | 3/4" | GN-15 | 4,630 | 177,18 |
| 5525 06 63 | 1" | GN-15 | 5,630 | 185,40 |
| 5525 07 63 | 1 1/4" | GN-15 | 7,130 | 198,19 |
| 5525 08 63 | 1 1/2" | GN-15 | 8,630 | 223,03 |
| 5525 09 64 | 2" | GN-20 | 12,070 | 285,51 |
| 5525 10 64 | 2 1/2" | GN-20 | 15,370 | 345,09 |
| 5525 11 65 | 3" | GN-25 | 20,700 | 418,38 |
| 5525 12 67 | 4" | GN-35 | 29,680 | 589,32 |
| 5525 13 68 | 5" | GN-40 | 54,530 | 1.323,56 |
| 5525 14 69 | 6" | GN-45 | 74,960 | 1.770,55 |
| 5525 16 84 | 8" | GN-55 | 110,080 | 3.250,59 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|---------|----------|
| 5525 04 73 | 1/2" | GN-15/S3 | 4,220 | 188,48 |
| 5525 05 74 | 3/4" | GN-15/S4 | 4,820 | 196,76 |
| 5525 06 75 | 1" | GN-20/S3 | 7,050 | 228,87 |
| 5525 07 76 | 1 1/4" | GN-20/S4 | 8,550 | 251,96 |
| 5525 08 77 | 1 1/2" | GN-25/S4 | 11,280 | 295,26 |
| 5525 09 78 | 2" | GN-30/S4 | 14,770 | 346,27 |
| 5525 10 79 | 2 1/2" | GN-35/S3 | 21,520 | 469,47 |
| 5525 11 80 | 3" | GN-40/S4 | 27,410 | 573,82 |
| 5525 12 81 | 4" | GN-45/S4 | 37,120 | 727,76 |
| 5525 13 82 | 5" | GN-55/S4 | 72,500 | 1.713,97 |
| 5525 14 83 | 6" | GN-55/S5 | 89,500 | 2.127,86 |
| 5525 16 93 | 8" | GN-65/S5 | 140,300 | 3.885,26 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|---------|----------|
| 5525 04 130 | 1/2" | GNP-44 | 4,300 | 182,19 |
| 5525 05 128 | 3/4" | GNP-44 | 4,900 | 186,04 |
| 5525 06 128 | 1" | GNP-44 | 5,900 | 206,75 |
| 5525 07 128 | 1 1/4" | GNP-44 | 7,400 | 208,10 |
| 5525 08 128 | 1 1/2" | GNP-44 | 8,900 | 234,18 |
| 5525 09 138 | 2" | GNP-60 | 11,900 | 299,79 |
| 5525 10 138 | 2 1/2" | GNP-60 | 15,200 | 362,34 |
| 5525 11 142 | 3" | GNP-94 | 20,000 | 439,30 |
| 5525 12 150 | 4" | GNP-198 | 28,000 | 618,79 |
| 5525 13 158 | 5" | GNP-300 | 54,500 | 1.389,74 |
| 5525 14 162 | 6" | GNP-513 | 74,500 | 1.859,08 |
| 5525 16 166 | 8" | GNP-800 | 106,900 | 3.413,12 |

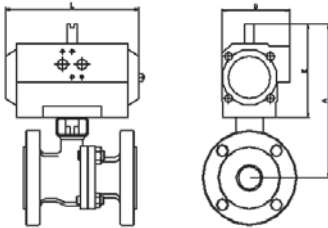
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5525 04 126 | 1/2" | GNP-24/S4 | 3,700 | 197,90 |
| 5525 05 132 | 3/4" | GNP-44/S4 | 5,000 | 206,60 |
| 5525 06 140 | 1" | GNP-60/S5 | 6,700 | 240,31 |
| 5525 07 140 | 1 1/4" | GNP-60/S5 | 8,200 | 264,56 |
| 5525 08 144 | 1 1/2" | GNP-94/S5 | 10,400 | 310,02 |
| 5525 09 148 | 2" | GNP-135/S5 | 14,700 | 363,58 |
| 5525 10 152 | 2 1/2" | GNP-198/S4 | 19,200 | 492,94 |
| 5525 11 160 | 3" | GNP-300/S5 | 27,100 | 602,51 |
| 5525 12 164 | 4" | GNP-513/S5 | 36,500 | 832,92 |
| 5525 13 172 | 5" | GNP-1280/S5 | 91,600 | 2.002,17 |
| 5525 14 172 | 6" | GNP-1280/S5 | 108,600 | 2.425,76 |
| 5525 16 178 | 8" | GNP-2300/S5 | 161,200 | 4.547,46 |

Ref. 5526A

Válvula esfera 2 piezas bridada
Características de válvula ver art. 2526A.

2 piezas ball valve with flanges
Valve characteristics see art. 2526A.

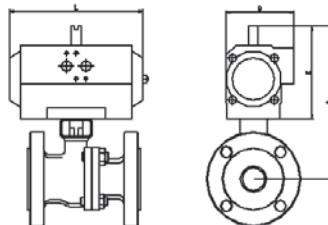
Actuador Gen-Air / Gen-Air actuator



| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-05 | 157 | 101 | 119 | 67 |
| 3/4" | GN-05 | 160 | 101 | 119 | 67 |
| 1" | GN-05 | 160 | 101 | 119 | 67 |
| 1 1/4" | GN-15 | 190 | 121 | 165 | 85 |
| 1 1/2" | GN-15 | 198 | 121 | 165 | 85 |
| 2" | GN-17 | 205 | 121 | 197 | 85 |
| 2 1/2" | GN-20 | 260 | 143 | 177 | 96 |
| 3" | GN-25 | 273 | 143 | 239 | 96 |
| 4" | GN-35 | 340 | 196 | 246 | 138 |
| 6" | GN-45 | 498 | 208 | 351 | 151 |

| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-15/S3 | 170 | 121 | 165 | 85 |
| 3/4" | GN-15/S4 | 175 | 121 | 165 | 85 |
| 1" | GN-17/S3 | 179 | 121 | 197 | 85 |
| 1 1/4" | GN-20/S4 | 215 | 143 | 177 | 96 |
| 1 1/2" | GN-25/S4 | 220 | 143 | 239 | 96 |
| 2" | GN-30/S4 | 246 | 162 | 230 | 113 |
| 2 1/2" | GN-35/S3 | 315 | 196 | 246 | 138 |
| 3" | GN-40/S4 | 326 | 196 | 290 | 138 |
| 4" | GN-45/S4 | 353 | 208 | 351 | 151 |
| 6" | GN-55/S5 | 498 | 248 | 418 | 185 |

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-----|-----|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 130 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 137 | 80 | 122 | 65 |
| 1" | GNP-14 | 137 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 189 | 118 | 168 | 83 |
| 1 1/2" | GNP-44 | 194 | 118 | 168 | 83 |
| 2" | GNP-44 | 201 | 118 | 168 | 83 |
| 2 1/2" | GNP-94 | 258 | 139 | 204 | 103 |
| 3" | GNP-94 | 268 | 139 | 204 | 103 |
| 4" | GNP-198 | 308 | 163 | 268 | 121,5 |
| 6" | GNP-513 | 451 | 201 | 390 | 152 |

| GNP | | | | | |
|--------|-------------|-----|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-44/S4 | 165 | 117,5 | 168 | 83 |
| 3/4" | GNP-44/S4 | 175 | 117,5 | 168 | 83 |
| 1" | GNP-44/S5 | 175 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 201 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 215 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 230 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-198/S4 | 281 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 315 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 347 | 201,5 | 390 | 152 |
| 6" | GNP-1280/S5 | 510 | 260 | 525 | 206 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|--------|----------|
| 5526A 04 44 | 1/2" | GN-05 | 2,300 | 152,83 |
| 5526A 05 44 | 3/4" | GN-05 | 2,950 | 166,05 |
| 5526A 06 44 | 1" | GN-05 | 3,700 | 186,62 |
| 5526A 07 63 | 1 1/4" | GN-15 | 6,000 | 235,90 |
| 5525A 08 63 | 1 1/2" | GN-15 | 7,630 | 276,08 |
| 5526A 09 52 | 2" | GN-17 | 10,750 | 360,77 |
| 5526A 10 64 | 2 1/2" | GN-20 | 16,270 | 517,31 |
| 5526A 11 65 | 3" | GN-25 | 21,800 | 648,39 |
| 5526A 12 67 | 4" | GN-35 | 37,360 | 1.077,80 |
| 5526A 14 69 | 6" | GN-45 | 68,260 | 1.942,35 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|--------|----------|
| 5526A 04 73 | 1/2" | GN-15/S3 | 3,470 | 191,91 |
| 5526A 05 74 | 3/4" | GN-15/S4 | 4,120 | 211,73 |
| 5526A 06 49 | 1" | GN-17/S3 | 5,440 | 251,00 |
| 5526A 07 76 | 1 1/4" | GN-20/S4 | 7,150 | 296,99 |
| 5526A 08 77 | 1 1/2" | GN-25/S4 | 10,280 | 360,80 |
| 5526A 09 78 | 2" | GN-30/S4 | 13,970 | 450,47 |
| 5526A 10 79 | 2 1/2" | GN-35/S3 | 22,420 | 670,57 |
| 5526A 11 80 | 3" | GN-40/S4 | 28,510 | 828,59 |
| 5526A 12 81 | 4" | GN-45/S4 | 45,520 | 1.237,93 |
| 5526A 14 83 | 6" | GN-55/S5 | 82,300 | 2.245,23 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|----------|
| 5526A 04 122 | 1/2" | GNP-14 | 2,250 | 160,47 |
| 5526A 05 122 | 3/4" | GNP-14 | 2,900 | 174,36 |
| 5526A 06 122 | 1" | GNP-14 | 3,650 | 195,95 |
| 5526A 07 128 | 1 1/4" | GNP-44 | 6,270 | 247,70 |
| 5526A 08 128 | 1 1/2" | GNP-44 | 7,900 | 289,89 |
| 5526A 09 128 | 2" | GNP-44 | 10,500 | 378,81 |
| 5526A 10 142 | 2 1/2" | GNP-94 | 16,700 | 543,18 |
| 5526A 11 142 | 3" | GNP-94 | 21,100 | 680,81 |
| 5526A 12 150 | 4" | GNP-198 | 35,680 | 1.131,69 |
| 5526A 14 162 | 6" | GNP-513 | 67,200 | 1.986,70 |

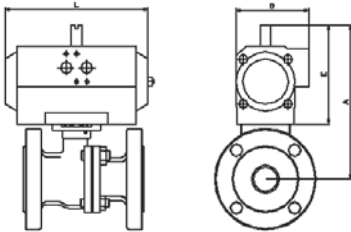
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5526A 04 134 | 1/2" | GNP-44/S4 | 3,650 | 201,51 |
| 5526A 05 132 | 3/4" | GNP-44/S4 | 4,300 | 222,32 |
| 5526A 06 136 | 1" | GNP-44/S5 | 5,050 | 263,55 |
| 5526A 07 140 | 1 1/4" | GNP-60/S5 | 6,800 | 311,84 |
| 5526A 08 144 | 1 1/2" | GNP-94/S5 | 9,400 | 378,84 |
| 5526A 09 148 | 2" | GNP-135/S5 | 13,900 | 472,99 |
| 5526A 10 152 | 2 1/2" | GNP-198/S4 | 20,100 | 704,10 |
| 5526A 11 160 | 3" | GNP-300/S5 | 28,200 | 870,02 |
| 5526A 12 164 | 4" | GNP-513/S5 | 44,900 | 1.299,83 |
| 5526A 14 172 | 6" | GNP-1280/S5 | 101,300 | 2.737,10 |

Ref. 5528

Válvula esfera 2 piezas bridada
Características de válvula ver art. 2528.

2 pieces full bore ball valve
Valve characteristics see art. 2528.

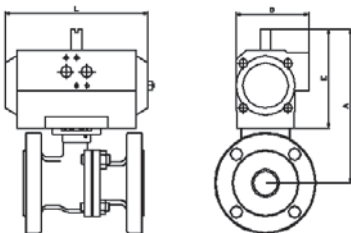
Actuador Gen-Air / Gen-Air actuator



| GN | | | | | |
|--------|----------|-------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-05 | 147,5 | 101 | 119 | 67 |
| 3/4" | GN-05 | 152,5 | 101 | 119 | 67 |
| 1" | GN-05 | 158,5 | 101 | 119 | 67 |
| 1 1/4" | GN-15 | 192,5 | 121 | 165 | 85 |
| 1 1/2" | GN-15 | 197,5 | 121 | 165 | 85 |
| 2" | GN-17 | 204,5 | 121 | 197 | 85 |
| 2 1/2" | GN-20 | 261,5 | 143 | 177 | 96 |
| 3" | GN-25 | 272,5 | 143 | 239 | 96 |
| 4" | GN-35 | 341 | 196 | 246 | 138 |
| 5" | GN-40 | 396 | 196 | 290 | 138 |
| 6" | GN-45 | 458 | 208 | 351 | 151 |
| 8" | GN-55 | 648 | 248 | 418 | 185 |

| GN | | | | | |
|--------|----------|-------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-15/S3 | 167,5 | 121 | 165 | 85 |
| 3/4" | GN-15/S4 | 172,5 | 121 | 165 | 85 |
| 1" | GN-17/S4 | 178,5 | 121 | 197 | 85 |
| 1 1/4" | GN-20/S4 | 214,5 | 143 | 177 | 96 |
| 1 1/2" | GN-25/S4 | 219,5 | 143 | 239 | 96 |
| 2" | GN-30/S4 | 245,5 | 162 | 230 | 113 |
| 2 1/2" | GN-35/S3 | 314,5 | 196 | 246 | 138 |
| 3" | GN-40/S4 | 325,5 | 196 | 290 | 138 |
| 4" | GN-45/S4 | 353 | 208 | 351 | 151 |
| 5" | GN-55/S4 | 448 | 248 | 418 | 185 |
| 6" | GN-55/S5 | 498 | 248 | 418 | 185 |
| 8" | GN-65/S5 | 705 | 305 | 502 | 235 |

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 126,5 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 131,5 | 80 | 122 | 65 |
| 1" | GNP-14 | 137,5 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 189 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 194 | 117,5 | 168 | 83 |
| 2" | GNP-44 | 201 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94 | 258 | 138,5 | 203 | 103 |
| 3" | GNP-94 | 268 | 138,5 | 204 | 103 |
| 4" | GNP-198 | 308 | 163 | 268 | 121,5 |
| 5" | GNP-300 | 385 | 185 | 296 | 142 |
| 6" | GNP-513 | 451,5 | 201,5 | 390 | 152 |
| 8" | GNP-800 | 627 | 227 | 454 | 174 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-24/S4 | 148 | 102 | 147 | 71,5 |
| 3/4" | GNP-44/S4 | 169 | 117,5 | 168 | 83 |
| 1" | GNP-60/S5 | 175 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 201 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 215 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 230,5 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-198/S4 | 281,5 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 314,5 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 346,5 | 201,5 | 390 | 152 |
| 5" | GNP-1280/S5 | 460 | 260 | 525 | 206 |
| 6" | GNP-1280/S5 | 510 | 260 | 525 | 206 |
| 8" | GNP-2300/S5 | 718 | 318 | 610 | 260 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|---------|----------|
| 5528 04 44 | 1/2" | GN-05 | 3,050 | 208,60 |
| 5528 05 44 | 3/4" | GN-05 | 3,900 | 228,20 |
| 5528 06 44 | 1" | GN-05 | 4,600 | 258,93 |
| 5528 07 63 | 1 1/4" | GN-15 | 7,580 | 329,77 |
| 5528 08 63 | 1 1/2" | GN-15 | 8,830 | 373,34 |
| 5528 09 52 | 2" | GN-17 | 11,850 | 480,64 |
| 5528 10 64 | 2 1/2" | GN-20 | 17,620 | 696,66 |
| 5528 11 65 | 3" | GN-25 | 22,850 | 840,63 |
| 5528 12 67 | 4" | GN-35 | 33,110 | 1.270,81 |
| 5528 13 68 | 5" | GN-40 | 60,030 | 2.487,85 |
| 5528 14 69 | 6" | GN-45 | 76,160 | 3.291,81 |
| 5528 16 84 | 8" | GN-55 | 132,980 | 7.151,42 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|---------|----------|
| 5528 04 73 | 1/2" | GN-15/S3 | 4,220 | 237,34 |
| 5528 05 74 | 3/4" | GN-15/S4 | 5,070 | 261,59 |
| 5528 06 49 | 1" | GN-17/S4 | 6,340 | 300,17 |
| 5528 07 76 | 1 1/4" | GN-20/S4 | 9,000 | 387,54 |
| 5528 08 77 | 1 1/2" | GN-25/S4 | 11,480 | 454,05 |
| 5528 09 78 | 2" | GN-30/S4 | 15,070 | 561,44 |
| 5528 10 79 | 2 1/2" | GN-35/S3 | 23,770 | 846,13 |
| 5528 11 80 | 3" | GN-40/S4 | 29,560 | 1.008,36 |
| 5528 12 81 | 4" | GN-45/S4 | 41,270 | 1.405,13 |
| 5528 13 82 | 5" | GN-55/S4 | 78,650 | 2.890,39 |
| 5528 14 83 | 6" | GN-55/S5 | 97,850 | 3.649,31 |
| 5528 16 93 | 8" | GN-65/S5 | 163,750 | 7.724,84 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|---------|----------|
| 5528 04 122 | 1/2" | GNP-14 | 3,000 | 219,03 |
| 5528 05 122 | 3/4" | GNP-14 | 3,850 | 239,61 |
| 5528 06 122 | 1" | GNP-14 | 4,550 | 271,88 |
| 5528 07 128 | 1 1/4" | GNP-44 | 7,850 | 346,26 |
| 5528 08 128 | 1 1/2" | GNP-44 | 9,100 | 392,01 |
| 5528 09 128 | 2" | GNP-44 | 11,600 | 504,68 |
| 5528 10 142 | 2 1/2" | GNP-94 | 18,050 | 731,50 |
| 5528 11 142 | 3" | GNP-94 | 22,150 | 882,66 |
| 5528 12 150 | 4" | GNP-198 | 31,430 | 1.331,67 |
| 5528 13 158 | 5" | GNP-300 | 60,000 | 2.628,56 |
| 5528 14 162 | 6" | GNP-513 | 75,700 | 3.478,02 |
| 5528 16 166 | 8" | GNP-800 | 129,800 | 7.509,00 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5528 04 126 | 1/2" | GNP-24/S4 | 3,700 | 249,21 |
| 5528 05 132 | 3/4" | GNP-44/S4 | 5,250 | 274,67 |
| 5528 06 136 | 1" | GNP-60/S5 | 5,950 | 315,18 |
| 5528 07 140 | 1 1/4" | GNP-60/S5 | 8,650 | 406,92 |
| 5528 08 144 | 1 1/2" | GNP-94/S5 | 10,100 | 476,76 |
| 5528 09 148 | 2" | GNP-135/S5 | 15,000 | 589,51 |
| 5528 10 152 | 2 1/2" | GNP-198/S4 | 21,450 | 888,44 |
| 5528 11 160 | 3" | GNP-300/S5 | 29,250 | 1.058,78 |
| 5528 12 164 | 4" | GNP-513/S5 | 40,650 | 1.476,16 |
| 5528 13 172 | 5" | GNP-1280/S5 | 97,750 | 3.118,67 |
| 5528 14 172 | 6" | GNP-1280/S5 | 116,950 | 4.046,85 |
| 5528 16 178 | 8" | GNP-2300/S5 | 184,650 | 8.243,23 |

Ref. 5528A

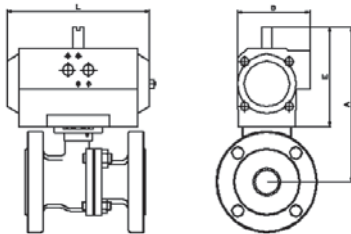
Válvula esfera 2 piezas bridada
Características de válvula ver art. 2528A.

2 piezas ball valve with flanges
Valve characteristics see art. 2528A.

Actuador Gen-Air / Gen-Air actuator

| GN | | | | | |
|--------|----------|-------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-05 | 147,5 | 101 | 119 | 67 |
| 3/4" | GN-05 | 152,5 | 101 | 119 | 67 |
| 1" | GN-05 | 158,5 | 101 | 119 | 67 |
| 1 1/4" | GN-15 | 192,5 | 121 | 165 | 85 |
| 1 1/2" | GN-15 | 197,5 | 121 | 165 | 85 |
| 2" | GN-17 | 204,5 | 121 | 197 | 85 |
| 2 1/2" | GN-20 | 261,5 | 143 | 177 | 96 |
| 3" | GN-25 | 272,5 | 143 | 239 | 96 |
| 4" | GN-35 | 341 | 196 | 246 | 138 |
| 6" | GN-45 | 458 | 208 | 351 | 151 |
| 8" | GN-55 | 648 | 248 | 418 | 185 |

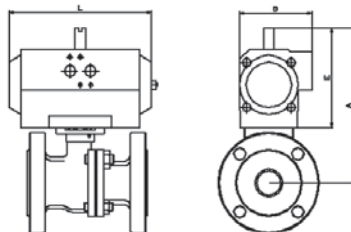
| GN | | | | | |
|--------|----------|-------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GN-15/S3 | 167,5 | 121 | 165 | 85 |
| 3/4" | GN-15/S4 | 172,5 | 121 | 165 | 85 |
| 1" | GN-17/S4 | 178,5 | 121 | 197 | 85 |
| 1 1/4" | GN-20/S4 | 214,5 | 143 | 177 | 96 |
| 1 1/2" | GN-25/S4 | 219,5 | 143 | 239 | 96 |
| 2" | GN-30/S4 | 245,5 | 162 | 230 | 113 |
| 2 1/2" | GN-35/S3 | 314,5 | 196 | 246 | 138 |
| 3" | GN-40/S4 | 325,5 | 196 | 290 | 138 |
| 4" | GN-45/S4 | 353 | 208 | 351 | 151 |
| 6" | GN-55/S5 | 498 | 248 | 418 | 185 |
| 8" | GN-65/S5 | 705 | 305 | 502 | 235 |



Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 126,5 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 131,5 | 80 | 122 | 65 |
| 1" | GNP-14 | 137,5 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 189 | 117,5 | 168 | 83 |
| 1 1/2" | GNP-44 | 194 | 117,5 | 168 | 83 |
| 2" | GNP-44 | 201 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94 | 258 | 138,5 | 204 | 103 |
| 3" | GNP-94 | 268 | 138,5 | 204 | 103 |
| 4" | GNP-198 | 308 | 163 | 268 | 121,5 |
| 6" | GNP-513 | 451,5 | 201,5 | 390 | 152 |
| 8" | GNP-800 | 627 | 227 | 454 | 174 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-24/S4 | 148 | 102 | 147 | 71,5 |
| 3/4" | GNP-44/S4 | 169 | 117,5 | 168 | 83 |
| 1" | GNP-44/S5 | 175 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 201 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 215 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 230,5 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-198/S4 | 281,5 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 314,5 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 346,5 | 201,5 | 390 | 152 |
| 6" | GNP-1280/S5 | 510 | 260 | 525 | 206 |
| 8" | GNP-2300/S5 | 718 | 318 | 610 | 260 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|--------|----------|
| 5528A 04 44 | 1/2" | GN-05 | 2,300 | 192,38 |
| 5528A 05 44 | 3/4" | GN-05 | 2,950 | 209,33 |
| 5528A 06 44 | 1" | GN-05 | 3,700 | 246,02 |
| 5528A 07 63 | 1 1/4" | GN-15 | 6,000 | 286,95 |
| 5528A 08 63 | 1 1/2" | GN-15 | 7,630 | 350,03 |
| 5528A 09 52 | 2" | GN-17 | 10,750 | 692,81 |
| 5528A 10 64 | 2 1/2" | GN-20 | 16,270 | 711,91 |
| 5528A 11 65 | 3" | GN-25 | 21,800 | 872,65 |
| 5528A 12 67 | 4" | GN-35 | 37,360 | 1.414,32 |
| 5528A 14 69 | 6" | GN-45 | 83,310 | 3.630,03 |
| 5528A 16 84 | 8" | GN-55 | 134,28 | 6.864,72 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|---------|----------|
| 5528A 04 73 | 1/2" | GN-15/S3 | 3,470 | 219,13 |
| 5528A 05 74 | 3/4" | GN-15/S4 | 4,120 | 242,73 |
| 5528A 06 49 | 1" | GN-17/S4 | 5,440 | 287,26 |
| 5528A 07 76 | 1 1/4" | GN-20/S4 | 7,150 | 344,72 |
| 5528A 08 77 | 1 1/2" | GN-25/S4 | 10,280 | 431,17 |
| 5528A 09 78 | 2" | GN-30/S4 | 13,970 | 550,67 |
| 5528A 10 79 | 2 1/2" | GN-35/S3 | 22,420 | 853,35 |
| 5528A 11 80 | 3" | GN-40/S4 | 28,510 | 1.041,26 |
| 5528A 12 81 | 4" | GN-45/S4 | 45,520 | 1.552,76 |
| 5528A 14 83 | 6" | GN-55/S5 | 105,000 | 3.987,53 |
| 5528A 16 93 | 8" | GN-65/S5 | 165,050 | 7.523,90 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|---------|----------|
| 5528A 04 122 | 1/2" | GNP-14 | 2,250 | 202,00 |
| 5528A 05 122 | 3/4" | GNP-14 | 2,900 | 219,80 |
| 5528A 06 122 | 1" | GNP-14 | 3,650 | 258,32 |
| 5528A 07 128 | 1 1/4" | GNP-44 | 6,270 | 301,29 |
| 5528A 08 128 | 1 1/2" | GNP-44 | 7,900 | 367,53 |
| 5528A 09 128 | 2" | GNP-44 | 10,500 | 727,45 |
| 5528A 10 142 | 2 1/2" | GNP-94 | 16,700 | 747,51 |
| 5528A 11 142 | 3" | GNP-94 | 21,100 | 916,28 |
| 5528A 12 150 | 4" | GNP-198 | 35,680 | 1.485,04 |
| 5528A 14 162 | 6" | GNP-513 | 66,500 | 3.811,54 |
| 5528A 16 166 | 8" | GNP-800 | 131,100 | 7.207,95 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5528A 04 126 | 1/2" | GNP-24/S4 | 2,950 | 230,08 |
| 5528A 05 132 | 3/4" | GNP-44/S4 | 4,300 | 254,86 |
| 5528A 06 136 | 1" | GNP-44/S4 | 5,050 | 301,62 |
| 5528A 07 140 | 1 1/4" | GNP-60/S5 | 6,800 | 361,95 |
| 5528A 08 144 | 1 1/2" | GNP-94/S5 | 9,400 | 452,73 |
| 5528A 09 148 | 2" | GNP-135/S5 | 13,900 | 578,20 |
| 5528A 10 152 | 2 1/2" | GNP-198/S4 | 20,100 | 896,02 |
| 5528A 11 160 | 3" | GNP-300/S5 | 28,200 | 1.093,32 |
| 5528A 12 164 | 4" | GNP-513/S5 | 44,900 | 1.630,40 |
| 5528A 14 172 | 6" | GNP-1280/S5 | 100,600 | 4.202,61 |
| 5528A 16 178 | 8" | GNP-2300/S5 | 185,950 | 8.042,28 |

Ref. 5529

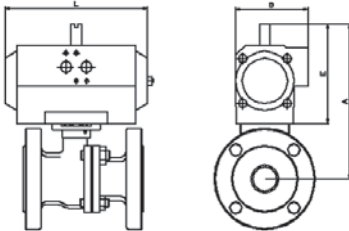
Válvula esfera 2 piezas bridada
Características de válvula ver art. 2529.

2 pieces ball valve with flanges
Valve characteristics see art. 2529.

Actuador Gen-Air / Gen-Air actuator

| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2 1/2" | GN-20 | 306 | 143 | 177 | 96 |
| 3" | GN-25 | 308 | 143 | 239 | 96 |
| 4" | GN-35 | 327 | 196 | 246 | 138 |
| 5" | GN-40 | 396 | 196 | 290 | 138 |
| 6" | GN-45 | 458 | 208 | 351 | 151 |

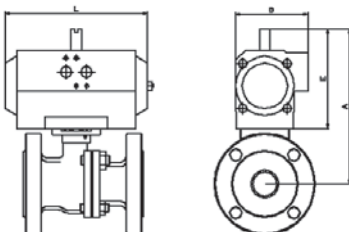
| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2 1/2" | GN-35/S3 | 359 | 196 | 246 | 138 |
| 3" | GN-40/S4 | 361 | 196 | 290 | 138 |
| 4" | GN-45/S4 | 392 | 208 | 351 | 151 |
| 5" | GN-55/S4 | 448 | 248 | 418 | 185 |
| 6" | GN-55/S5 | 498 | 248 | 418 | 185 |



Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2 1/2" | GNP-60 | 292,5 | 129,5 | 184 | 92 |
| 3" | GNP-94 | 303,5 | 138,5 | 204 | 103 |
| 4" | GNP-198 | 294 | 163 | 268 | 121,5 |
| 5" | GNP-300 | 385 | 185 | 296 | 142 |
| 6" | GNP-513 | 451,5 | 201,5 | 390 | 152 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2 1/2" | GNP198/S5 | 326 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 350 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 385,5 | 201,5 | 390 | 152 |
| 5" | GNP-1280/S5 | 460 | 260 | 525 | 206 |
| 6" | GNP-1280/S5 | 510 | 260 | 525 | 206 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|--------|----------|
| 5529 04 44 | 1/2" | GN-05 | 3,050 | 210,60 |
| 5529 05 44 | 3/4" | GN-05 | 3,900 | 228,20 |
| 5529 06 44 | 1" | GN-05 | 4,600 | 258,93 |
| 5529 07 63 | 1 1/4" | GN-15 | 8,830 | 329,77 |
| 5529 08 63 | 1 1/2" | GN-15 | 10,010 | 373,24 |
| 5529 09 52 | 2" | GN-17 | 11,850 | 480,64 |
| 5529 10 64 | 2 1/2" | GN-20 | 20,700 | 937,47 |
| 5529 11 65 | 3" | GN-25 | 28,480 | 1.157,13 |
| 5529 12 67 | 4" | GN-35 | 38,460 | 1.603,29 |
| 5529 13 68 | 5" | GN-40 | 64,380 | 3.131,74 |
| 5529 14 69 | 6" | GN-45 | 76,160 | 4.086,54 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|---------|----------|
| 5529 04 73 | 1/2" | GN-15/S3 | 4,770 | 237,34 |
| 5529 05 74 | 3/4" | GN-15/S4 | 5,470 | 261,59 |
| 5529 06 49 | 1" | GN-17/S4 | 6,340 | 300,17 |
| 5529 07 76 | 1 1/4" | GN-20/S4 | 9,950 | 387,54 |
| 5529 08 77 | 1 1/2" | GN-25/S4 | 12,840 | 454,05 |
| 5529 09 78 | 2" | GN-30/S4 | 17,110 | 561,44 |
| 5529 10 79 | 2 1/2" | GN-35/S3 | 32,200 | 1.083,14 |
| 5529 11 80 | 3" | GN-40/S4 | 35,510 | 1.325,43 |
| 5529 12 81 | 4" | GN-45/S4 | 47,920 | 1.752,84 |
| 5529 13 82 | 5" | GN-55/S4 | 99,550 | 3.483,75 |
| 5529 14 83 | 6" | GN-55/S5 | 118,500 | 4.407,74 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|----------|
| 5529 04 122 | 1/2" | GNP-14 | 3,000 | 221,13 |
| 5529 05 122 | 3/4" | GNP-14 | 3,850 | 239,61 |
| 5529 06 122 | 1" | GNP-14 | 4,550 | 271,88 |
| 5529 07 128 | 1 1/4" | GNP-44 | 9,100 | 346,26 |
| 5529 08 128 | 1 1/2" | GNP-44 | 10,280 | 392,01 |
| 5529 09 128 | 2" | GNP-44 | 11,600 | 504,68 |
| 5529 10 138 | 2 1/2" | GNP-60 | 20,530 | 984,35 |
| 5529 11 142 | 3" | GNP-94 | 27,780 | 1.214,98 |
| 5529 12 150 | 4" | GNP-198 | 36,780 | 1.683,46 |
| 5529 13 158 | 5" | GNP-300 | 64,350 | 3.288,33 |
| 5529 14 162 | 6" | GNP-513 | 75,700 | 4.290,87 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5529 04 126 | 1/2" | GNP-24/S4 | 3,700 | 249,21 |
| 5529 05 132 | 3/4" | GNP-44/S4 | 5,650 | 274,67 |
| 5529 06 136 | 1" | GNP-44/S5 | 5,950 | 315,18 |
| 5529 07 140 | 1 1/4" | GNP-60/S5 | 9,600 | 406,92 |
| 5529 08 144 | 1 1/2" | GNP-94/S5 | 11,960 | 476,76 |
| 5529 09 148 | 2" | GNP135/S5 | 17,040 | 589,51 |
| 5529 10 152 | 2 1/2" | GNP198/S4 | 29,880 | 1.137,30 |
| 5529 11 160 | 3" | GNP-300/S5 | 35,200 | 1.391,70 |
| 5529 12 164 | 4" | GNP-513/S5 | 47,300 | 1.840,49 |
| 5529 13 172 | 5" | GNP-1280/S5 | 118,650 | 3.657,94 |
| 5529 14 172 | 6" | GNP-1280/S5 | 137,600 | 4.628,12 |

Ref. 5105

Válvula esfera 1 pieza tipo wafer
Características de válvula ver art. 2105.

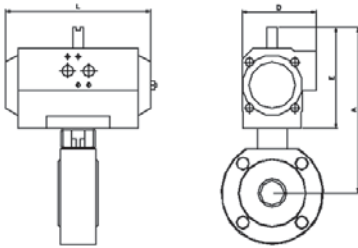
1 piece full bore ball valve mounting between flanges PN-16 - wafer type
Valve characteristics see art. 2105.

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1" | GNP-44 | 242,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60 | 274,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-60 | 288,5 | 129,5 | 184 | 92 |
| 2" | GNP-60 | 302,5 | 129,5 | 184 | 92 |
| 2 1/2" | GNP-94 | 337,5 | 138,5 | 204 | 103 |
| 3" | GNP-94 | 367,5 | 138,5 | 204 | 103 |
| 4" | GNP-300 | 449 | 185 | 296 | 142 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1" | GNP-60/S5 | 254,5 | 129,5 | 184 | 92 |
| 1 1/4" | GNP-94/S5 | 283,5 | 138,5 | 204 | 103 |
| 1 1/2" | GNP-94/S5 | 297,5 | 138,5 | 204 | 103 |
| 2" | GNP-198/S4 | 336 | 163 | 268 | 121,5 |
| 2 1/2" | GNP-300/S5 | 384 | 185 | 296 | 142 |
| 3" | GNP-513/S5 | 430,5 | 201,5 | 390 | 152 |
| 4" | GNP-1280/S5 | 524 | 260 | 525 | 206 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|--------|
| 5105 06 128 | 1" | GNP-44 | 4,830 | 236,13 |
| 5105 07 138 | 1 1/4" | GNP-60 | 6,500 | 297,82 |
| 5105 08 138 | 1 1/2" | GNP-60 | 9,200 | 321,20 |
| 5105 09 138 | 2" | GNP-60 | 10,700 | 347,12 |
| 5105 10 142 | 2 1/2" | GNP-94 | 18,300 | 539,62 |
| 5105 11 142 | 3" | GNP-94 | 23,300 | 609,78 |
| 5105 12 158 | 4" | GNP-300 | 38,730 | 881,55 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|--------|----------|
| 5105 06 140 | 1" | GNP-60/S5 | 5,600 | 283,78 |
| 5105 07 144 | 1 1/4" | GNP-94/S5 | 6,170 | 341,39 |
| 5105 08 144 | 1 1/2" | GNP-94/S5 | 10,100 | 371,42 |
| 5105 09 152 | 2" | GNP-198/S4 | 14,700 | 466,15 |
| 5105 10 160 | 2 1/2" | GNP-300/S5 | 25,400 | 688,22 |
| 5105 11 164 | 3" | GNP-513/S5 | 34,800 | 813,81 |
| 5105 12 172 | 4" | GNP-1280/S5 | 76,500 | 1.178,39 |

Ref. 5115

Válvula esfera 1 pieza tipo wafer con cámara de calefacción
Características de válvula ver art. 2115.

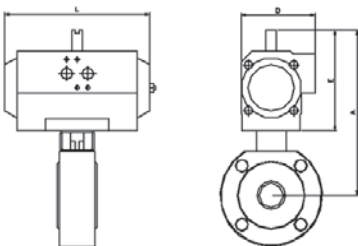
1 piece full bore ball valve with heating chamber.
Mounting between flanges PN-16 wafer type
Valve characteristics see art. 2115.

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 1" | GNP-44 | 242,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60 | 274,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-60 | 288,5 | 129,5 | 184 | 92 |
| 2" | GNP-60 | 302,5 | 129,5 | 184 | 92 |
| 2 1/2" | GNP-94 | 337,5 | 138,5 | 204 | 103 |
| 3" | GNP-94 | 367,5 | 138,5 | 204 | 103 |
| 4" | GNP-300 | 449 | 185 | 296 | 142 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1" | GNP-60/S5 | 254,5 | 129,5 | 184 | 92 |
| 1 1/4" | GNP-94/S5 | 283,5 | 138,5 | 204 | 103 |
| 1 1/2" | GNP-94/S5 | 297,5 | 138,5 | 204 | 103 |
| 2" | GNP-198/S4 | 336 | 163 | 268 | 121,5 |
| 2 1/2" | GNP-300/S5 | 384 | 185 | 296 | 142 |
| 3" | GNP-513/S5 | 430,5 | 201,5 | 390 | 152 |
| 4" | GNP-1280/S5 | 524 | 260 | 525 | 206 |



| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|----------|
| 5115 06 128 | 1" | GNP-44 | 4,830 | 329,12 |
| 5115 07 138 | 1 1/4" | GNP-60 | 6,500 | 401,83 |
| 5115 08 138 | 1 1/2" | GNP-60 | 9,200 | 450,92 |
| 5115 09 138 | 2" | GNP-60 | 10,700 | 496,83 |
| 5115 10 142 | 2 1/2" | GNP-94 | 18,300 | 743,07 |
| 5115 11 142 | 3" | GNP-94 | 23,300 | 838,07 |
| 5115 12 158 | 4" | GNP-300 | 38,700 | 1.149,50 |

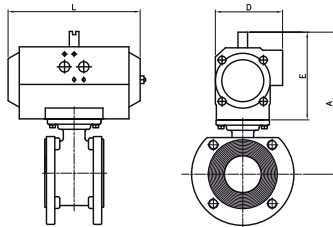
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|--------|----------|
| 5115 06 140 | 1" | GNP-60/S5 | 5,600 | 376,76 |
| 5115 07 144 | 1 1/4" | GNP-94/S5 | 6,170 | 445,40 |
| 5115 08 144 | 1 1/2" | GNP-94/S5 | 10,100 | 501,13 |
| 5115 09 152 | 2" | GNP-198/S4 | 14,700 | 611,08 |
| 5115 10 160 | 2 1/2" | GNP-300/S5 | 25,400 | 881,14 |
| 5115 11 164 | 3" | GNP-513/S5 | 34,800 | 1.028,65 |
| 5115 12 172 | 4" | GNP-1280/S5 | 76,500 | 1.446,34 |

Ref. 5118

Válvula esfera 1 pieza tipo wafer
Características de válvula ver art. 2118.

1 piece full ball valve wafer type
Valve characteristics see art. 2118.

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-----|-----|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 185 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 195 | 80 | 122 | 65 |
| 1" | GNP-14 | 138 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 188 | 118 | 168 | 83 |
| 1 1/2" | GNP-44 | 195 | 118 | 168 | 83 |
| 2" | GNP-44 | 203 | 118 | 168 | 83 |
| 2 1/2" | GNP-94 | 234 | 139 | 204 | 103 |
| 3" | GNP-94 | 250 | 139 | 204 | 103 |
| 4" | GNP-198 | 286 | 163 | 268 | 121,5 |

| GNP | | | | | |
|--------|------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-44/S4 | 222,5 | 117,5 | 168 | 83 |
| 3/4" | GNP-44/S4 | 232,5 | 117,5 | 168 | 83 |
| 1" | GNP-44/S5 | 175,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 199,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 215,5 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 232 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-198/S4 | 258 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 296 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 324,5 | 201,5 | 390 | 152 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|----------|
| 5118 04 122 | 1/2" | GNP-14 | 2,450 | 226,11 |
| 5118 05 122 | 3/4" | GNP-14 | 2,650 | 242,64 |
| 5118 06 122 | 1" | GNP-14 | 3,280 | 266,44 |
| 5118 07 128 | 1 1/4" | GNP-44 | 5,820 | 347,54 |
| 5118 08 128 | 1 1/2" | GNP-44 | 6,450 | 389,89 |
| 5118 09 128 | 2" | GNP-44 | 7,550 | 455,24 |
| 5118 10 142 | 2 1/2" | GNP-94 | 11,000 | 712,91 |
| 5118 11 142 | 3" | GNP-94 | 13,600 | 884,24 |
| 5118 12 150 | 4" | GNP-198 | 23,180 | 1.361,69 |

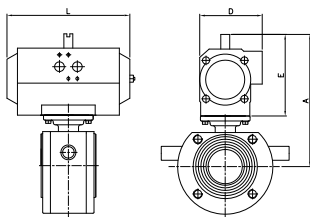
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|------------|--------|----------|
| 5118 04 134 | 1/2" | GNP-44/S4 | 3,850 | 252,85 |
| 5118 05 132 | 3/4" | GNP-44/S4 | 4,050 | 274,30 |
| 5118 06 136 | 1" | GNP-44/S4 | 4,680 | 308,25 |
| 5118 07 140 | 1 1/4" | GNP-60/S5 | 6,350 | 392,36 |
| 5118 08 144 | 1 1/2" | GNP-94/S5 | 7,950 | 456,28 |
| 5118 09 148 | 2" | GNP-135/S5 | 10,950 | 544,08 |
| 5118 10 152 | 2 1/2" | GNP-198/S4 | 14,400 | 845,21 |
| 5118 11 160 | 3" | GNP-300/S5 | 20,700 | 1.056,21 |
| 5118 12 164 | 4" | GNP-513/S5 | 32,400 | 1.625,27 |

Ref. 5519

Valvula esfera 1 pieza tipo wafer con cámara de calefacción
Características de válvula ver art. 2119.

1 piece ball valve with heating chamber
Valve characteristics see art. 2119.

NOVEDAD
NEW



Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-----|-----|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-14 | 185 | 80 | 122 | 65 |
| 3/4" | GNP-14 | 195 | 80 | 122 | 65 |
| 1" | GNP-14 | 138 | 80 | 122 | 65 |
| 1 1/4" | GNP-44 | 188 | 118 | 168 | 83 |
| 1 1/2" | GNP-44 | 195 | 118 | 168 | 83 |
| 2" | GNP-44 | 203 | 118 | 168 | 83 |
| 2 1/2" | GNP-94 | 234 | 139 | 204 | 103 |
| 3" | GNP-94 | 250 | 139 | 204 | 103 |
| 4" | GNP-198 | 286 | 163 | 268 | 121,5 |

| GNP | | | | | |
|--------|------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 1/2" | GNP-44/S4 | 222,5 | 117,5 | 168 | 83 |
| 3/4" | GNP-44/S4 | 232,5 | 117,5 | 168 | 83 |
| 1" | GNP-44/S5 | 175,5 | 117,5 | 168 | 83 |
| 1 1/4" | GNP-60/S5 | 199,5 | 129,5 | 184 | 92 |
| 1 1/2" | GNP-94/S5 | 215,5 | 138,5 | 204 | 103 |
| 2" | GNP-135/S5 | 232 | 147 | 262 | 108,5 |
| 2 1/2" | GNP-198/S4 | 258 | 163 | 268 | 121,5 |
| 3" | GNP-300/S5 | 296 | 185 | 296 | 142 |
| 4" | GNP-513/S5 | 324,5 | 201,5 | 390 | 152 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|-------|----------|
| 5519 04 122 | 1/2" | GNP-14 | 2,55 | 461,37 |
| 5519 05 122 | 3/4" | GNP-14 | 2,76 | 478,50 |
| 5519 06 122 | 1" | GNP-14 | 3,43 | 570,81 |
| 5519 07 128 | 1 1/4" | GNP-44 | 6,07 | 664,92 |
| 5519 08 128 | 1 1/2" | GNP-44 | 6,8 | 717,38 |
| 5519 09 128 | 2" | GNP-44 | 8 | 795,61 |
| 5519 10 142 | 2 1/2" | GNP-94 | 11,75 | 1.087,89 |
| 5519 11 142 | 3" | GNP-94 | 14,6 | 1.264,13 |
| 5519 12 150 | 4" | GNP-198 | 24,48 | 1.662,21 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|------------|--------|----------|
| 5519 04 134 | 1/2" | GNP-44/S4 | 3,850 | 883,18 |
| 5519 05 132 | 3/4" | GNP-44/S4 | 4,050 | 1.092,47 |
| 5519 06 136 | 1" | GNP-44/S5 | 4,680 | 1.530,79 |
| 5519 07 140 | 1 1/4" | GNP-60/S5 | 6,350 | 741,41 |
| 5519 08 144 | 1 1/2" | GNP-94/S5 | 7,950 | 793,87 |
| 5519 09 148 | 2" | GNP-135/S5 | 10,950 | 902,56 |
| 5519 10 152 | 2 1/2" | GNP-198/S4 | 14,400 | 1.213,32 |
| 5519 11 160 | 3" | GNP-300/S5 | 20,700 | 1.624,38 |
| 5519 12 164 | 4" | GNP-513/S5 | 32,400 | 2.143,17 |

Ref. 5111

NOVEDAD
NEW

Válvula mariposa tipo wafer
Características de válvula ver art. 2101.

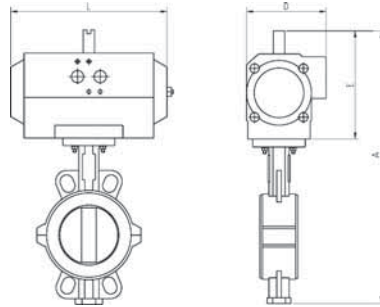
Butterfly valve wafer type
Valve characteristics see art. 2101.



Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44 | 337,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-44 | 356,5 | 117,5 | 168 | 83 |
| 3" | GNP-60 | 382,5 | 129,5 | 184 | 92 |
| 4" | GNP-94 | 428,5 | 138,5 | 204 | 103 |
| 5" | GNP-198 | 480 | 163 | 268 | 121,5 |
| 6" | GNP-300 | 534 | 185 | 296 | 142 |
| 8" | GNP-513 | 612,5 | 201,5 | 390 | 152 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-94/S5 | 358,5 | 138,5 | 204 | 103 |
| 2 1/2" | GNP-94/S5 | 377,5 | 138,5 | 204 | 103 |
| 3" | GNP-135/S5 | 400 | 147 | 262 | 108,5 |
| 4" | GNP-198/S6 | 453 | 163 | 268 | 121,5 |
| 5" | GNP-513/S5 | 518,5 | 201,5 | 390 | 152 |
| 6" | GNP-800/S5 | 576 | 227 | 454 | 174 |
| 8" | GNP-1280/S5 | 671 | 260 | 525 | 206 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|------------------------|----------------|-----------------|
|----------------|----------------|------------------------|----------------|-----------------|

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|----------|
| 5111 09 128 | 2" | GNP-44 | 6,120 | 403,41 |
| 5111 10 128 | 2 1/2" | GNP-44 | 6,380 | 428,14 |
| 5111 11 138 | 3" | GNP-60 | 7,540 | 563,89 |
| 5111 12 142 | 4" | GNP-94 | 9,930 | 718,58 |
| 5111 13 150 | 5" | GNP-198 | 13,570 | 823,27 |
| 5111 14 158 | 6" | GNP-300 | 16,240 | 1.068,96 |
| 5111 16 162 | 8" | GNP-513 | 25,980 | 1.598,34 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|--------|----------|
| 5114 09 144 | 2" | GNP-94/S5 | 7,620 | 479,91 |
| 5114 10 144 | 2 1/2" | GNP-94/S5 | 7,880 | 535,10 |
| 5114 11 148 | 3" | GNP-135/S5 | 10,340 | 648,14 |
| 5114 12 156 | 4" | GNP-198/S6 | 13,330 | 831,60 |
| 5114 13 164 | 5" | GNP-513/S5 | 22,070 | 971,51 |
| 5114 14 168 | 6" | GNP-800/S5 | 30,640 | 1.362,27 |
| 5114 16 172 | 8" | GNP-1280/S5 | 60,080 | 2.198,79 |

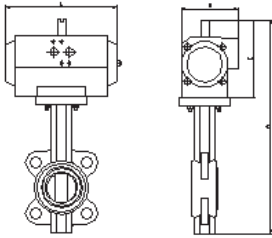


Ref. 5113

Válvula mariposa tipo wafer
Características de válvula ver art. 2103.

Butterfly valve wafer type
Valve characteristics see art. 2103.

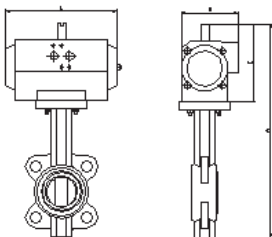
Actuador Gen-Air / *Gen-Air actuator*



| | | GN | | | |
|--------|----------|------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-15 | 360 | 121 | 165 | 85 |
| 2 1/2" | GN-15 | 374 | 121 | 165 | 85 |
| 3" | GN-17 | 389 | 121 | 197 | 85 |
| 4" | GN-20 | 448 | 143 | 177 | 96 |
| 5" | GN-25 | 486 | 143 | 239 | 96 |
| 6" | GN-25 | 511 | 143 | 239 | 96 |
| 8" | GN-35 | 626 | 196 | 246 | 138 |
| 10" | GN-40 | 707 | 196 | 290 | 138 |
| 12" | GN-45 | 779 | 208 | 351 | 151 |
| 14" | GN-60 | 805 | 305 | 444 | 235 |
| 16" | GN-60 | 875 | 305 | 444 | 235 |
| 18" | GN-65 | 930 | 305 | 502 | 235 |
| 20" | GN-70 | 1065 | 362 | 587 | 332 |

| | | GN | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-17/S5 | 360 | 121 | 197 | 85 |
| 2 1/2" | GN-25/S5 | 396 | 143 | 239 | 96 |
| 3" | GN-30/S4 | 430 | 162 | 230 | 113 |
| 4" | GN-30/S5 | 467 | 162 | 230 | 113 |
| 5" | GN-35/S4 | 539 | 196 | 246 | 138 |
| 6" | GN-35/S5 | 564 | 196 | 246 | 138 |
| 8" | GN-45/S4 | 638 | 208 | 351 | 151 |
| 10" | GN-50/S4 | 759 | 248 | 361 | 185 |
| 12" | GN-55/S6 | 819 | 248 | 418 | 185 |
| 14" | GN-70/S5 | 862 | 362 | 587 | 332 |
| 16" | GN-70/S6 | 932 | 362 | 587 | 332 |

Actuador GNP / *GNP actuator*



| | | GNP | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44 | 356,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-44 | 370,5 | 117,5 | 168 | 83 |
| 3" | GNP-44 | 385,5 | 117,5 | 168 | 83 |
| 4" | GNP-60 | 434,5 | 129,5 | 184 | 92 |
| 5" | GNP-94 | 481,5 | 138,5 | 204 | 103 |
| 6" | GNP-94 | 506,5 | 138,5 | 204 | 103 |
| 8" | GNP-198 | 593 | 163 | 268 | 121,5 |
| 10" | GNP-300 | 696 | 185 | 296 | 142 |
| 12" | GNP-513 | 772,5 | 201,5 | 390 | 152 |
| 14" | GNP-1280 | 760 | 260 | 525 | 206 |
| 16" | GNP-1280 | 830 | 260 | 525 | 206 |
| 18" | GNP-1600 | 910 | 285 | 532 | 226 |
| 20" | GNP-2300 | 1021 | 318 | 610 | 260 |

| | | GNP | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44/S4 | 356,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94/S5 | 391,5 | 138,5 | 204 | 103 |
| 3" | GNP-135/S5 | 415 | 147 | 262 | 108,5 |
| 4" | GNP-135/S5 | 452 | 147 | 262 | 108,5 |
| 5" | GNP-198/S5 | 506 | 163 | 268 | 121,5 |
| 6" | GNP-198/S6 | 531 | 163 | 268 | 121,5 |
| 8" | GNP-513/S5 | 631,5 | 201,5 | 390 | 152 |
| 10" | GNP-800/S5 | 738 | 227 | 454 | 174 |
| 12" | GNP-1280/S5 | 831 | 260 | 525 | 206 |
| 14" | GNP-2500/S5 | 856 | 356 | 722 | 294 |
| 16" | GNP-2500/S5 | 926 | 356 | 722 | 294 |
| 18" | GNP-3000/S6 | 1035 | 378 | 772 | 406 |
| 20" | GNP-3500/S5 | 1140 | 410 | 870 | 460 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|---------|----------|
| 5113 09 48 | 2" | GN-15 | 4,630 | 153,57 |
| 5113 10 48 | 2 1/2" | GN-15 | 5,130 | 161,34 |
| 5113 11 53 | 3" | GN-17 | 6,150 | 170,68 |
| 5113 12 64 | 4" | GN-20 | 8,870 | 192,89 |
| 5113 13 65 | 5" | GN-25 | 11,400 | 222,31 |
| 5113 14 65 | 6" | GN-25 | 12,900 | 222,84 |
| 5113 16 67 | 8" | GN-35 | 21,980 | 358,53 |
| 5113 18 68 | 10" | GN-40 | 30,230 | 464,49 |
| 5113 20 69 | 12" | GN-45 | 49,900 | 690,06 |
| 5113 22 57 | 14" | GN-60 | 92,300 | 1.162,23 |
| 5113 24 54 | 16" | GN-60 | 113,900 | 1.661,17 |
| 5113 26 58 | 18" | GN-65 | 161,300 | 2.181,88 |
| 5113 28 100 | 20" | GN-70 | 219,000 | 3.835,67 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|---------|----------|
| 5113 09 51 | 2" | GN-17/S5 | 5,560 | 188,76 |
| 5113 10 85 | 2 1/2" | GN-25/S5 | 7,800 | 238,05 |
| 5113 11 78 | 3" | GN-30/S4 | 9,400 | 251,47 |
| 5113 12 86 | 4" | GN-30/S5 | 11,600 | 262,08 |
| 5113 13 87 | 5" | GN-35/S4 | 16,700 | 347,93 |
| 5113 14 88 | 6" | GN-35/S5 | 17,900 | 373,76 |
| 5113 16 81 | 8" | GN-45/S4 | 29,400 | 497,35 |
| 5113 18 95 | 10" | GN-50/S4 | 43,800 | 744,31 |
| 5113 20 90 | 12" | GN-55/S6 | 64,500 | 1.014,90 |
| 5113 22 101 | 14" | GN-70/S5 | 139,000 | 2.602,83 |
| 5113 24 102 | 16" | GN-70/S6 | 161,500 | 3.473,77 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|----------|---------|----------|
| 5113 09 128 | 2" | GNP-44 | 4,900 | 161,25 |
| 5113 10 128 | 2 1/2" | GNP-44 | 5,400 | 169,41 |
| 5113 11 128 | 3" | GNP-44 | 5,900 | 179,21 |
| 5113 12 138 | 4" | GNP-60 | 8,700 | 202,53 |
| 5113 13 142 | 5" | GNP-94 | 10,700 | 233,43 |
| 5113 14 142 | 6" | GNP-94 | 12,200 | 233,98 |
| 5113 16 150 | 8" | GNP-198 | 20,300 | 376,46 |
| 5113 18 158 | 10" | GNP-300 | 30,200 | 487,71 |
| 5113 20 162 | 12" | GNP-513 | 49,500 | 724,56 |
| 5113 22 170 | 14" | GNP-1280 | 95,100 | 1.220,34 |
| 5113 24 170 | 16" | GNP-1280 | 116,700 | 1.744,23 |
| 5113 26 174 | 18" | GNP-1600 | 162,600 | 2.290,98 |
| 5113 28 176 | 20" | GNP-2300 | 211,200 | 4.027,46 |

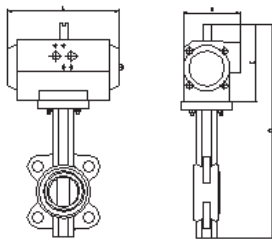
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5113 09 132 | 2" | GNP-44/S4 | 4,900 | 198,20 |
| 5113 10 144 | 2 1/2" | GNP-94/S5 | 6,900 | 249,95 |
| 5113 11 148 | 3" | GNP-135/S5 | 9,300 | 264,05 |
| 5113 12 148 | 4" | GNP-135/S5 | 11,500 | 275,18 |
| 5113 13 154 | 5" | GNP-198/S5 | 14,380 | 365,32 |
| 5113 14 156 | 6" | GNP-198/S6 | 15,700 | 392,45 |
| 5113 16 164 | 8" | GNP-513/S5 | 28,800 | 568,38 |
| 5113 18 168 | 10" | GNP-800/S5 | 44,500 | 833,77 |
| 5113 20 172 | 12" | GNP-1280/S5 | 83,600 | 1.216,77 |
| 5113 22 180 | 14" | GNP-2500/S5 | 171,600 | 3.230,43 |
| 5113 24 180 | 16" | GNP-2500/S5 | 193,200 | 3.748,92 |
| 5113 26 185 | 18" | GNP-3000/S6 | 267,000 | |
| 5113 28 190 | 20" | GNP-3500/S5 | 395,000 | |

Ref. 5119

Válvula mariposa tipo wafer
Características de válvula ver art. 2109.

Butterfly valve wafer type
Valve characteristics see art. 2109.

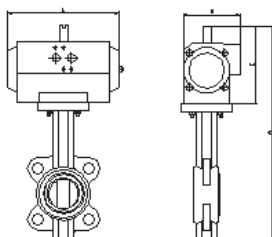
Actuador Gen-Air / Gen-Air actuator



| GN | | | | | |
|--------|----------|------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-15 | 360 | 121 | 165 | 85 |
| 2 1/2" | GN-15 | 374 | 121 | 165 | 85 |
| 3" | GN-17 | 389 | 121 | 197 | 85 |
| 4" | GN-20 | 448 | 143 | 177 | 96 |
| 5" | GN-25 | 486 | 143 | 239 | 96 |
| 6" | GN-25 | 511 | 143 | 239 | 96 |
| 8" | GN-35 | 626 | 196 | 246 | 138 |
| 10" | GN-40 | 707 | 196 | 290 | 138 |
| 12" | GN-45 | 779 | 208 | 351 | 151 |
| 14" | GN-60 | 805 | 305 | 444 | 235 |
| 16" | GN-60 | 875 | 305 | 444 | 235 |
| 18" | GN-65 | 930 | 305 | 502 | 235 |
| 20" | GN-70 | 1065 | 362 | 587 | 332 |

| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-17/S5 | 360 | 121 | 197 | 85 |
| 2 1/2" | GN-25/S5 | 396 | 143 | 239 | 96 |
| 3" | GN-30/S4 | 430 | 162 | 230 | 113 |
| 4" | GN-30/S5 | 467 | 162 | 230 | 113 |
| 5" | GN-35/S4 | 539 | 196 | 246 | 138 |
| 6" | GN-35/S5 | 564 | 196 | 246 | 138 |
| 8" | GN-45/S4 | 638 | 208 | 351 | 151 |
| 10" | GN-50/S4 | 759 | 248 | 361 | 185 |
| 12" | GN-55/S6 | 819 | 248 | 418 | 185 |
| 14" | GN-70/S5 | 862 | 362 | 587 | 332 |
| 16" | GN-70/S6 | 932 | 362 | 587 | 332 |

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44 | 356,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-44 | 370,5 | 117,5 | 168 | 83 |
| 3" | GNP-44 | 385,5 | 117,5 | 168 | 83 |
| 4" | GNP-60 | 434,5 | 129,5 | 184 | 92 |
| 5" | GNP-94 | 481,5 | 138,5 | 204 | 103 |
| 6" | GNP-94 | 506,5 | 138,5 | 204 | 103 |
| 8" | GNP-198 | 593 | 163 | 268 | 121,5 |
| 10" | GNP-300 | 696 | 185 | 296 | 142 |
| 12" | GNP-513 | 772,5 | 201,5 | 390 | 152 |
| 14" | GNP-1280 | 760 | 260 | 525 | 206 |
| 16" | GNP-1280 | 830 | 260 | 525 | 206 |
| 18" | GNP-1600 | 910 | 285 | 532 | 226 |
| 20" | GNP-2300 | 1021 | 318 | 610 | 260 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44/S4 | 356,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94/S5 | 391,5 | 138,5 | 204 | 103 |
| 3" | GNP-135/S5 | 415 | 147 | 262 | 108,5 |
| 4" | GNP-135/S5 | 452 | 147 | 262 | 108,5 |
| 5" | GNP-198/S5 | 506 | 163 | 268 | 121,5 |
| 6" | GNP-198/S6 | 531 | 163 | 268 | 121,5 |
| 8" | GNP-513/S5 | 631,5 | 201,5 | 390 | 152 |
| 10" | GNP-800/S5 | 738 | 227 | 454 | 174 |
| 12" | GNP-1280/S5 | 831 | 260 | 525 | 206 |
| 14" | GNP-2500/S5 | 856 | 356 | 722 | 294 |
| 16" | GNP-2500/S5 | 926 | 356 | 722 | 294 |
| 18" | GNP-3000/S6 | 1035 | 378 | 772 | 406 |
| 20" | GNP-3500/S5 | 1140 | 410 | 870 | 460 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|---------|----------|
| 5119 09 48 | 2" | GN-15 | 4,630 | 161,22 |
| 5119 10 48 | 2 1/2" | GN-15 | 5,130 | 170,84 |
| 5119 11 53 | 3" | GN-17 | 6,150 | 183,40 |
| 5119 12 64 | 4" | GN-20 | 8,870 | 217,66 |
| 5119 13 65 | 5" | GN-25 | 11,400 | 254,37 |
| 5119 14 65 | 6" | GN-25 | 12,900 | 266,99 |
| 5119 16 67 | 8" | GN-35 | 21,980 | 459,63 |
| 5119 18 68 | 10" | GN-40 | 30,230 | 538,02 |
| 5119 20 69 | 12" | GN-45 | 49,900 | 851,55 |
| 5119 22 57 | 14" | GN-60 | 92,300 | 1.496,94 |
| 5119 24 54 | 16" | GN-60 | 113,900 | 2.087,35 |
| 5119 26 58 | 18" | GN-65 | 161,300 | 2.762,73 |
| 5119 28 100 | 20" | GN-70 | 219,000 | 4.736,45 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|---------|----------|
| 5119 09 51 | 2" | GN-17/S5 | 5,560 | 196,76 |
| 5119 10 85 | 2 1/2" | GN-25/S5 | 7,800 | 247,55 |
| 5119 11 78 | 3" | GN-30/S4 | 9,400 | 264,19 |
| 5119 12 86 | 4" | GN-30/S5 | 11,600 | 286,85 |
| 5119 13 87 | 5" | GN-35/S4 | 16,700 | 379,99 |
| 5119 14 88 | 6" | GN-35/S5 | 17,900 | 417,91 |
| 5119 16 81 | 8" | GN-45/S4 | 29,400 | 598,45 |
| 5119 18 95 | 10" | GN-50/S4 | 43,800 | 817,82 |
| 5119 20 90 | 12" | GN-55/S6 | 64,500 | 1.176,39 |
| 5119 22 101 | 14" | GN-70/S5 | 139,000 | 2.995,79 |
| 5119 24 102 | 16" | GN-70/S6 | 161,500 | 3.899,95 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|----------|---------|----------|
| 5119 09 128 | 2" | GNP-44 | 4,900 | 169,28 |
| 5119 10 128 | 2 1/2" | GNP-44 | 5,400 | 179,39 |
| 5119 11 128 | 3" | GNP-44 | 5,900 | 192,57 |
| 5119 12 138 | 4" | GNP-60 | 8,700 | 228,54 |
| 5119 13 142 | 5" | GNP-94 | 10,700 | 267,09 |
| 5119 14 142 | 6" | GNP-94 | 12,200 | 280,34 |
| 5119 16 150 | 8" | GNP-198 | 20,300 | 482,61 |
| 5119 18 158 | 10" | GNP-300 | 30,200 | 564,92 |
| 5119 20 162 | 12" | GNP-513 | 49,500 | 894,13 |
| 5119 22 170 | 14" | GNP-1280 | 95,100 | 1.571,79 |
| 5119 24 170 | 16" | GNP-1280 | 116,700 | 2.191,71 |
| 5119 26 174 | 18" | GNP-1600 | 162,600 | 2.900,86 |
| 5119 28 176 | 20" | GNP-2300 | 211,200 | 4.973,27 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5119 09 132 | 2" | GNP-44/S4 | 4,900 | 206,60 |
| 5119 10 144 | 2 1/2" | GNP-94/S5 | 6,900 | 259,92 |
| 5119 11 148 | 3" | GNP-135/S5 | 9,300 | 277,40 |
| 5119 12 148 | 4" | GNP-135/S5 | 11,500 | 301,19 |
| 5119 13 154 | 5" | GNP-198/S5 | 14,380 | 398,99 |
| 5119 14 156 | 6" | GNP-198/S6 | 15,700 | 438,81 |
| 5119 16 164 | 8" | GNP-513/S5 | 28,800 | 669,48 |
| 5119 18 168 | 10" | GNP-800/S5 | 44,500 | 907,28 |
| 5119 20 172 | 12" | GNP-1280/S5 | 83,600 | 1.378,26 |
| 5119 22 180 | 14" | GNP-2500/S5 | 171,600 | 3.493,25 |
| 5119 24 180 | 16" | GNP-2500/S5 | 193,200 | 4.001,40 |
| 5119 26 185 | 18" | GNP-3000/S6 | 267,000 | |
| 5119 28 190 | 20" | GNP-3500/S5 | 395,000 | |

Ref. 5114

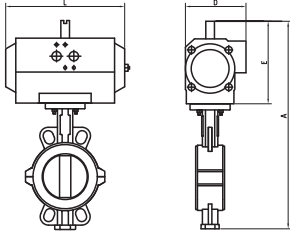
Válvula mariposa tipo wafer inoxidable
Características de válvula ver art. 2104.

*Stainless steel butterfly valve wafer type
Valve characteristics see art. 2104.*

Actuador Gen-Air / Gen-Air actuator

| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-15 | 331 | 121 | 165 | 85 |
| 2 1/2" | GN-17 | 341 | 121 | 197 | 85 |
| 3" | GN-20 | 371 | 143 | 177 | 96 |
| 4" | GN-25 | 417 | 143 | 239 | 96 |
| 5" | GN-35 | 502 | 196 | 246 | 138 |
| 6" | GN-40 | 531 | 196 | 290 | 138 |
| 8" | GN-50 | 657 | 248 | 361 | 185 |

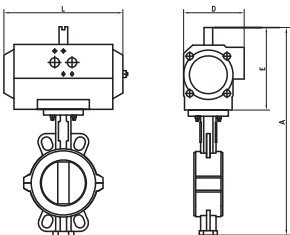
| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-25/S4 | 353 | 143 | 239 | 96 |
| 2 1/2" | GN-25/S5 | 363 | 143 | 239 | 96 |
| 3" | GN-30/S4 | 390 | 162 | 230 | 113 |
| 4" | GN-35/S5 | 470 | 196 | 246 | 138 |
| 5" | GN-45/S5 | 514 | 208 | 351 | 151 |
| 6" | GN-50/S5 | 583 | 248 | 361 | 185 |
| 8" | GN-56/S5 | 714 | 305 | 444 | 235 |



Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44 | 327,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-44 | 337,5 | 117,5 | 168 | 83 |
| 3" | GNP-60 | 357,5 | 129,5 | 184 | 92 |
| 4" | GNP-94 | 412,5 | 138,5 | 204 | 103 |
| 5" | GNP-198 | 469 | 163 | 268 | 121,5 |
| 6" | GNP-300 | 520 | 185 | 296 | 142 |
| 8" | GNP-513 | 610,5 | 201,5 | 390 | 152 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-94/S5 | 348,5 | 138,5 | 204 | 103 |
| 2 1/2" | GNP-94/S5 | 358,5 | 138,5 | 204 | 103 |
| 3" | GNP-135/S5 | 375 | 147 | 262 | 108,5 |
| 4" | GNP-198/S6 | 437 | 163 | 268 | 121,5 |
| 5" | GNP-513/S5 | 507,5 | 201,5 | 390 | 152 |
| 6" | GNP-800/S5 | 562 | 227 | 454 | 174 |
| 8" | GNP-1280/S5 | 669 | 260 | 525 | 206 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

Gen-Air Doble efecto / Gen-Air Double Acting

| | | | | |
|------------|--------|-------|--------|----------|
| 5114 09 63 | 2" | GN-15 | 5,630 | 451,93 |
| 5114 10 52 | 2 1/2" | GN-17 | 6,570 | 597,34 |
| 5114 11 64 | 3" | GN-20 | 7,770 | 719,79 |
| 5114 12 65 | 4" | GN-25 | 10,500 | 904,33 |
| 5114 13 67 | 5" | GN-35 | 15,780 | 1.149,14 |
| 5114 14 68 | 6" | GN-40 | 18,630 | 1.407,62 |
| 5114 16 97 | 8" | GN-50 | 32,500 | 2.450,55 |

Gen-Air Simple efecto / Gen-Air Spring Return

| | | | | |
|------------|--------|----------|--------|----------|
| 5114 09 77 | 2" | GN-25/S4 | 8,280 | 579,69 |
| 5114 10 85 | 2 1/2" | GN-25/S5 | 8,880 | 669,45 |
| 5114 11 78 | 3" | GN-30/S4 | 10,470 | 781,67 |
| 5114 12 88 | 4" | GN-35/S5 | 15,520 | 1.032,45 |
| 5114 13 89 | 5" | GN-45/S5 | 23,220 | 1.290,97 |
| 5114 14 98 | 6" | GN-50/S5 | 32,230 | 1.716,01 |
| 5114 16 99 | 8" | GN-56/S5 | 60,600 | 2.911,05 |

GNP Doble efecto / GNP Double Acting

| | | | | |
|-------------|--------|---------|--------|----------|
| 5114 09 128 | 2" | GNP-44 | 5,900 | 474,52 |
| 5114 10 128 | 2 1/2" | GNP-44 | 6,500 | 627,21 |
| 5114 11 138 | 3" | GNP-60 | 7,600 | 755,78 |
| 5114 12 142 | 4" | GNP-94 | 9,800 | 949,55 |
| 5114 13 150 | 5" | GNP-198 | 14,100 | 1.206,59 |
| 5114 14 158 | 6" | GNP-300 | 18,600 | 1.478,00 |
| 5114 16 162 | 8" | GNP-513 | 26,700 | 2.573,08 |

GNP Simple efecto / GNP Spring Return

| | | | | |
|-------------|--------|-------------|--------|----------|
| 5114 09 144 | 2" | GNP-94/S5 | 7,400 | 608,67 |
| 5114 10 144 | 2 1/2" | GNP-94/S5 | 8,000 | 702,92 |
| 5114 11 148 | 3" | GNP-135/S5 | 10,400 | 820,75 |
| 5114 12 156 | 4" | GNP-198/S6 | 13,200 | 1.084,07 |
| 5114 13 164 | 5" | GNP-513/S5 | 22,600 | 1.355,52 |
| 5114 14 168 | 6" | GNP-800/S5 | 32,900 | 1.801,81 |
| 5114 16 172 | 8" | GNP-1280/S5 | 60,800 | 3.056,60 |

Ref. 5508

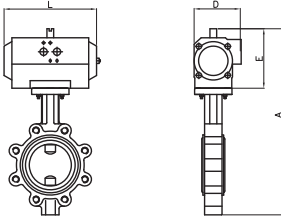
Válvula mariposa tipo LUG (bridas DIN)
Características de válvula ver art. 2108.

Butterfly valve LUG type (DIN flanges)
Valve characteristics see art. 2108.

Actuador Gen-Air / Gen-Air actuator

| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-15 | 361 | 121 | 165 | 85 |
| 2 1/2" | GN-15 | 374 | 121 | 165 | 85 |
| 3" | GN-17 | 389 | 121 | 197 | 85 |
| 4" | GN-20 | 448 | 143 | 177 | 96 |
| 5" | GN-25 | 486 | 143 | 239 | 96 |
| 6" | GN-25 | 511 | 143 | 239 | 96 |
| 8" | GN-35 | 626 | 196 | 246 | 138 |
| 10" | GN-40 | 707 | 196 | 290 | 138 |
| 12" | GN-45 | 780 | 208 | 351 | 151 |

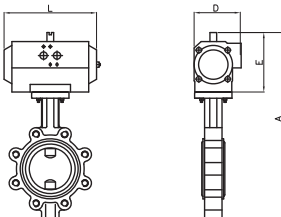
| GN | | | | | |
|--------|----------|-----|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-17/S5 | 361 | 121 | 197 | 85 |
| 2 1/2" | GN-25/S5 | 396 | 143 | 239 | 96 |
| 3" | GN-30/S4 | 430 | 162 | 230 | 113 |
| 4" | GN-30/S5 | 467 | 162 | 230 | 113 |
| 5" | GN-35/S4 | 539 | 196 | 246 | 138 |
| 6" | GN-35/S5 | 564 | 196 | 246 | 138 |
| 8" | GN-45/S4 | 638 | 208 | 351 | 151 |
| 10" | GN-50/S4 | 759 | 248 | 361 | 185 |
| 12" | GN-55/S6 | 820 | 248 | 418 | 185 |



Actuador GNP / GNP actuator

| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44 | 357,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-44 | 370,5 | 117,5 | 168 | 83 |
| 3" | GNP-44 | 385,5 | 117,5 | 168 | 83 |
| 4" | GNP-60 | 434,5 | 129,5 | 184 | 92 |
| 5" | GNP-94 | 481,5 | 138,5 | 204 | 103 |
| 6" | GNP-94 | 506,5 | 138,5 | 204 | 103 |
| 8" | GNP-198 | 593 | 163 | 268 | 121,5 |
| 10" | GNP-300 | 696 | 185 | 296 | 142 |
| 12" | GNP-513 | 773,5 | 201,5 | 390 | 152 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44/S4 | 357,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94/S5 | 391,5 | 138,5 | 204 | 103 |
| 3" | GNP-135/S5 | 415 | 147 | 262 | 108,5 |
| 4" | GNP-135/S5 | 452 | 147 | 262 | 108,5 |
| 5" | GNP-198/S5 | 506 | 163 | 268 | 121,5 |
| 6" | GNP-198/S6 | 531 | 163 | 268 | 121,5 |
| 8" | GNP-513/S5 | 631,5 | 201,5 | 390 | 152 |
| 10" | GNP-800/S5 | 738 | 227 | 454 | 174 |
| 12" | GNP-1280/S5 | 832 | 260 | 525 | 206 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|--------|--------|
| 5508 09 48 | 2" | GN-15 | 6,630 | 164,57 |
| 5508 10 48 | 2 1/2" | GN-15 | 7,330 | 174,19 |
| 5508 11 53 | 3" | GN-17 | 8,010 | 193,22 |
| 5508 12 64 | 4" | GN-20 | 11,830 | 229,59 |
| 5508 13 65 | 5" | GN-25 | 15,170 | 279,53 |
| 5508 14 65 | 6" | GN-25 | 17,300 | 294,78 |
| 5508 16 67 | 8" | GN-35 | 25,780 | 476,83 |
| 5508 18 68 | 10" | GN-40 | 37,330 | 627,22 |
| 5508 20 69 | 12" | GN-45 | 56,900 | 826,14 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|--------|----------|
| 5508 09 51 | 2" | GN-17/S5 | 5,960 | 197,96 |
| 5508 10 85 | 2 1/2" | GN-25/S5 | 9,980 | 253,24 |
| 5508 11 78 | 3" | GN-30/S4 | 11,370 | 269,14 |
| 5508 12 86 | 4" | GN-30/S5 | 14,670 | 300,33 |
| 5508 13 87 | 5" | GN-35/S4 | 18,800 | 407,70 |
| 5508 14 88 | 6" | GN-35/S5 | 22,720 | 455,26 |
| 5508 16 81 | 8" | GN-45/S4 | 29,220 | 623,91 |
| 5508 18 95 | 10" | GN-50/S4 | 47,230 | 908,32 |
| 5508 20 90 | 12" | GN-55/S6 | 70,900 | 1.170,42 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|---------|--------|--------|
| 5508 09 128 | 2" | GNP-44 | 6,900 | 168,00 |
| 5508 10 128 | 2 1/2" | GNP-44 | 7,600 | 177,83 |
| 5508 11 128 | 3" | GNP-44 | 7,760 | 197,25 |
| 5508 12 138 | 4" | GNP-60 | 11,660 | 234,37 |
| 5508 13 142 | 5" | GNP-94 | 14,470 | 285,35 |
| 5508 14 142 | 6" | GNP-94 | 16,600 | 300,92 |
| 5508 16 150 | 8" | GNP-198 | 24,100 | 454,32 |
| 5508 18 158 | 10" | GNP-300 | 37,300 | 640,29 |
| 5508 20 162 | 12" | GNP-513 | 56,440 | 843,35 |

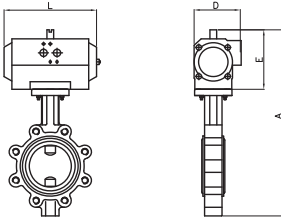
| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|--------|----------|
| 5508 09 132 | 2" | GNP-44/S4 | 5,570 | 205,77 |
| 5508 10 144 | 2 1/2" | GNP-94/S5 | 9,400 | 260,44 |
| 5508 11 148 | 3" | GNP-135/S5 | 11,300 | 296,60 |
| 5508 12 148 | 4" | GNP-135/S5 | 14,600 | 320,49 |
| 5508 13 154 | 5" | GNP-198/S5 | 16,480 | 403,84 |
| 5508 14 156 | 6" | GNP-198/S6 | 20,400 | 452,51 |
| 5508 16 164 | 8" | GNP-513/S5 | 28,600 | 718,65 |
| 5508 18 168 | 10" | GNP-800/S5 | 47,900 | 1.022,48 |
| 5508 20 172 | 12" | GNP-1280/S5 | 90,000 | 1.502,68 |

Ref. 5508A

Válvula mariposa tipo LUG (bridas ANSI)
Características de válvula ver art. 2108A.

Butterfly valve LUG type (ANSI flanges)
Valve characteristics see art. 2108A.

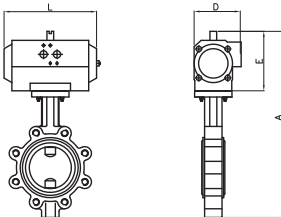
Actuador Gen-Air / Gen-Air actuator



| GN | | | | | |
|--------|----------|------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-15 | 361 | 121 | 165 | 85 |
| 2 1/2" | GN-15 | 374 | 121 | 165 | 85 |
| 3" | GN-17 | 389 | 121 | 197 | 85 |
| 4" | GN-20 | 448 | 143 | 177 | 96 |
| 5" | GN-25 | 486 | 143 | 239 | 96 |
| 6" | GN-25 | 511 | 143 | 239 | 96 |
| 8" | GN-35 | 626 | 196 | 246 | 138 |
| 10" | GN-40 | 707 | 196 | 290 | 138 |
| 12" | GN-45 | 780 | 208 | 351 | 151 |
| 14" | GN-60 | 883 | 305 | 444 | 235 |
| 16" | GN-60 | 951 | 305 | 444 | 235 |
| 18" | GN-65 | 1008 | 305 | 502 | 235 |
| 20" | GN-70 | 1130 | 362 | 587 | 332 |

| GN | | | | | |
|--------|----------|------|-----|-----|-----|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GN-17/S5 | 361 | 121 | 197 | 85 |
| 2 1/2" | GN-25/S5 | 396 | 143 | 239 | 96 |
| 3" | GN-30/S4 | 430 | 162 | 230 | 113 |
| 4" | GN-30/S5 | 467 | 162 | 230 | 113 |
| 5" | GN-35/S4 | 539 | 196 | 246 | 138 |
| 6" | GN-35/S5 | 564 | 196 | 246 | 138 |
| 8" | GN-45/S4 | 638 | 208 | 351 | 151 |
| 10" | GN-50/S4 | 759 | 248 | 361 | 185 |
| 12" | GN-55/S6 | 820 | 248 | 418 | 185 |
| 14" | GN-70/S5 | 940 | 362 | 587 | 332 |
| 16" | GN-70/S6 | 1008 | 362 | 587 | 332 |

Actuador GNP / GNP actuator



| GNP | | | | | |
|--------|----------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44 | 357,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-44 | 370,5 | 117,5 | 168 | 83 |
| 3" | GNP-44 | 385,5 | 117,5 | 168 | 83 |
| 4" | GNP-60 | 434,5 | 129,5 | 184 | 92 |
| 5" | GNP-94 | 481,5 | 138,5 | 204 | 103 |
| 6" | GNP-94 | 506,5 | 138,5 | 204 | 103 |
| 8" | GNP-198 | 593 | 163 | 268 | 121,5 |
| 10" | GNP-300 | 696 | 185 | 296 | 142 |
| 12" | GNP-513 | 773,5 | 201,5 | 390 | 152 |
| 14" | GNP-1280 | 838 | 260 | 525 | 206 |
| 16" | GNP-1280 | 906 | 260 | 525 | 206 |
| 18" | GNP-1600 | 988 | 285 | 532 | 226 |
| 20" | GNP-2300 | 1086 | 318 | 610 | 260 |

| GNP | | | | | |
|--------|-------------|-------|-------|-----|-------|
| MED. | MOD. ACT | A | E | L | D |
| 2" | GNP-44/S4 | 357,5 | 117,5 | 168 | 83 |
| 2 1/2" | GNP-94/S5 | 391,5 | 138,5 | 204 | 103 |
| 3" | GNP-135/S5 | 415 | 147 | 262 | 108,5 |
| 4" | GNP-135/S5 | 452 | 147 | 262 | 108,5 |
| 5" | GNP-198/S5 | 506 | 163 | 268 | 121,5 |
| 6" | GNP-198/S6 | 531 | 163 | 268 | 121,5 |
| 8" | GNP-513/S5 | 631,5 | 201,5 | 390 | 152 |
| 10" | GNP-800/S5 | 738 | 227 | 454 | 174 |
| 12" | GNP-1280/S5 | 832 | 260 | 525 | 206 |
| 14" | GNP-2500/S5 | 934 | 356 | 722 | 294 |
| 16" | GNP-2500/S5 | 1002 | 356 | 722 | 294 |

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

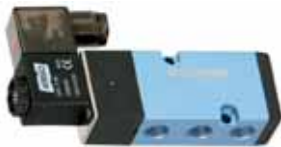
| Gen-Air Doble efecto / Gen-Air Double Acting | | | | |
|--|--------|-------|---------|----------|
| 5508A 09 48 | 2" | GN-15 | 6,630 | 164,57 |
| 5508A 10 48 | 2 1/2" | GN-15 | 7,330 | 174,18 |
| 5508A 11 53 | 3" | GN-17 | 8,010 | 193,21 |
| 5508A 12 64 | 4" | GN-20 | 11,830 | 229,60 |
| 5508A 13 65 | 5" | GN-25 | 15,170 | 279,53 |
| 5508A 14 65 | 6" | GN-25 | 17,300 | 294,78 |
| 5508A 16 67 | 8" | GN-35 | 25,780 | 476,83 |
| 5508A 18 68 | 10" | GN-40 | 37,330 | 627,22 |
| 5508A 20 69 | 12" | GN-45 | 56,900 | 903,68 |
| 5508A 22 57 | 14" | GN-60 | 99,000 | 1.939,20 |
| 5508A 24 54 | 16" | GN-60 | 127,400 | 2.460,15 |
| 5508A 26 58 | 18" | GN-65 | 188,500 | 3.186,38 |
| 5508A 28 100 | 20" | GN-70 | 247,500 | 4.998,02 |

| Gen-Air Simple efecto / Gen-Air Spring Return | | | | |
|---|--------|----------|---------|----------|
| 5508A 09 51 | 2" | GN-17/S5 | 5,960 | 198,68 |
| 5508A 10 85 | 2 1/2" | GN-25/S5 | 9,980 | 254,10 |
| 5508A 11 78 | 3" | GN-30/S4 | 11,370 | 270,13 |
| 5508A 12 86 | 4" | GN-30/S5 | 14,670 | 303,04 |
| 5508A 13 87 | 5" | GN-35/S4 | 18,800 | 425,44 |
| 5508A 14 88 | 6" | GN-35/S5 | 22,720 | 437,16 |
| 5508A 16 81 | 8" | GN-45/S4 | 29,220 | 636,66 |
| 5508A 18 95 | 10" | GN-50/S4 | 47,230 | 918,17 |
| 5508A 20 90 | 12" | GN-55/S6 | 70,900 | 1.259,99 |
| 5508A 22 101 | 14" | GN-70/S5 | 144,700 | 3.115,18 |
| 5508A 24 102 | 16" | GN-70/S6 | 173,100 | 4.055,26 |

| GNP Doble efecto / GNP Double Acting | | | | |
|--------------------------------------|--------|----------|---------|----------|
| 5508A 09 128 | 2" | GNP-44 | 6,900 | 169,64 |
| 5508A 10 128 | 2 1/2" | GNP-44 | 7,600 | 178,48 |
| 5508A 11 128 | 3" | GNP-44 | 7,760 | 196,79 |
| 5508A 12 138 | 4" | GNP-60 | 11,660 | 233,85 |
| 5508A 13 142 | 5" | GNP-94 | 14,470 | 284,70 |
| 5508A 14 142 | 6" | GNP-94 | 16,600 | 300,23 |
| 5508A 16 150 | 8" | GNP-198 | 24,100 | 485,66 |
| 5508A 18 158 | 10" | GNP-300 | 37,300 | 638,84 |
| 5508A 20 162 | 12" | GNP-513 | 56,440 | 903,68 |
| 5508A 22 170 | 14" | GNP-1280 | 101,800 | 1.939,20 |
| 5508A 24 170 | 16" | GNP-1280 | 130,200 | 2.460,15 |
| 5508A 26 174 | 18" | GNP-1600 | 189,800 | 3.186,38 |
| 5508A 28 176 | 20" | GNP-2300 | 239,700 | 4.998,02 |

| GNP Simple efecto / GNP Spring Return | | | | |
|---------------------------------------|--------|-------------|---------|----------|
| 5508A 09 132 | 2" | GNP-44/S4 | 5,570 | 198,62 |
| 5508A 10 144 | 2 1/2" | GNP-94/S5 | 9,400 | 261,30 |
| 5508A 11 148 | 3" | GNP-135/S5 | 11,300 | 286,21 |
| 5508A 12 148 | 4" | GNP-135/S5 | 14,600 | 306,41 |
| 5508A 13 154 | 5" | GNP-198/S5 | 16,480 | 407,70 |
| 5508A 14 156 | 6" | GNP-198/S6 | 20,400 | 434,41 |
| 5508A 16 164 | 8" | GNP-513/S5 | 28,600 | 720,15 |
| 5508A 18 168 | 10" | GNP-800/S5 | 47,900 | 1.006,30 |
| 5508A 20 172 | 12" | GNP-1280/S5 | 90,000 | 1.516,36 |
| 5508A 22 180 | 14" | GNP-2500/S5 | 177,600 | 3.799,47 |
| 5508A 24 180 | 16" | GNP-2500/S5 | 206,000 | 4.248,03 |

Ref. 4519



Electrovalvula 5 vías
 Acoplamiento conforme con la norma NAMUR.
 5 vías / 2 posiciones. Dispositivo de mando manual.
 Consumo 5W. 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 5W. 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

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
| 4519 02 | A12V | -- | 0,300 | 40,80 |
| - | C12V | -- | 0,300 | 40,80 |
| - | A24V | -- | 0,300 | 40,80 |
| - | C24V | -- | 0,300 | 40,80 |
| - | A48V | -- | 0,300 | 40,80 |
| - | 110V | -- | 0,300 | 40,80 |
| - | 220V | -- | 0,300 | 40,80 |

Ref. 4521



Electrovalvula 5 vías con bobina de seguridad
 Intrínseca= ATEX Ex 2G EEx ia IIC T6.

5-ways solenoid valve with intrinsic safety coil
 ATEX Ex 2G EEx ia IIC T6.

| | | | | |
|---------|------|----|-------|--------|
| 4521 02 | C24V | -- | 0,300 | 206,90 |
|---------|------|----|-------|--------|

Ref. 4522



Electrovalvula 5 vías con bobina antideflagrante
 ATEX Ex 2G EEx m II T4.

5 ways solenoid valve with protection by encapsulation coil
 ATEX Ex 2G EEx m II T4.

| | | | | |
|---------|------|----|-------|--------|
| 4522 02 | C24V | -- | 0,350 | 206,90 |
| 4522 02 | 220V | -- | 0,350 | 206,90 |

Ref. 4523

NOVEDAD
NEW



Electrovalvula 5 vías Bi-estable
 Acoplamiento conforme con la norma Namur.

5 ways solenoid valve Dual Stable
 Coupling according NAMUR std

| | | | | |
|---------|------|---|-------|--------|
| 4523 02 | C24V | - | 0,400 | 120,00 |
| 4523 02 | 220V | - | 0,400 | 120,00 |

Ref. 4819



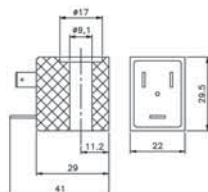
Bobina para electrovalvula 5 vías
5W solenoid valve coil

Tolerancia de tensión
 Pressure tolerance

C.A. +10% - 15%
 C.C. +10% - 5%

Voltajes
 Voltages
 C.A.: 24-48-110-220 50/60 Hz.
 C.C.: 12-24

| | | | | |
|------|---|-----|----|-------|
| 4819 | - | --- | -- | 12,74 |
|------|---|-----|----|-------|



Ref. 4801



Conector Tripolar 5W
DIN 43650 IP65.

3-Pole 5W connector with wires
DIN 43650 IP65.

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|----------------|----------------|------------------------|----------------|-----------------|
|----------------|----------------|------------------------|----------------|-----------------|

| | | | | |
|---------|---|------|----|------|
| 4801 05 | - | ---- | -- | 2,00 |
|---------|---|------|----|------|

Ref. 4800



NOVEDAD
NEW

Conector Tripolar 5W con cable
DIN 43650 IP65.

3-Pole 5W connector with wires
DIN 43650 IP65.

| | | | | |
|---------|---|------|----|-------|
| 4800 05 | - | ---- | -- | 18,33 |
|---------|---|------|----|-------|

Ref. 5950- 5951 - 5952



Posicionadores Rotativo (*)
Neumático - señal 3 - 15 PSI
Electroneumático - señal 4-20 mA.

Positioners Rotary ()*
Pneumatic - signal 3 - 15 PSI
Electropneumatic - signal 4-20 mA.

| | | | | |
|---------|---|-----|----|--------|
| 5950 00 | - | --- | -- | 486,72 |
| 5951 00 | - | --- | -- | 637,32 |

Posicionador Lineal
Electroneumático - señal 4 - 20 mA

Lineal Positioners
Electropneumatic 4 - 20 mA

| | | | | |
|---------|---|-----|----|--------|
| 5952 00 | - | --- | -- | 637,32 |
|---------|---|-----|----|--------|



Posicionador rotativo con retransmisor de posición (*)
Señal 4-20 mA.

Rotary positioners with position transmitter ()*
Signal 4-20 mA.

| | | | | |
|---------|---|-----|----|----------|
| 5951 04 | - | --- | -- | 1.010,42 |
|---------|---|-----|----|----------|

Posicionador lineal con retransmisor de posición (*)
Señal 4-20 mA.

Lineal positioners with position transmitter ()*
Signal 4-20 mA.

| | | | | |
|---------|---|-----|----|----------|
| 5952 04 | - | --- | -- | 1.010,42 |
|---------|---|-----|----|----------|

* Actuador no incluido.

* Actuator not included.

Ref. 5953



Controlador de velocidad para actuadores neumáticos
Montaje directo entre actuador y electroválvula NAMUR 5/2.

*Pneumatic actuator speed controller
Directly mounts between the actuator and NAMUR solenoid valve 5/2.*

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| | | | | |
|---------|---|-----|----|-------|
| 5953 02 | - | --- | -- | 36,65 |
|---------|---|-----|----|-------|

Ref. P5953



NOVEDAD
NEW

Placa adaptadora para controlador de velocidad de actuadores neumáticos
Montaje directo sobre actuador conexión NAMUR.

*Adaptor plate for pneumatic actuator speed controller
Directly mounts on actuator NAMUR connection.*

| | | | | |
|-------|---|------|----|-------|
| P5953 | - | ---- | -- | 20,07 |
|-------|---|------|----|-------|

Ref. 5971



Reductor manual de emergencia (*)

Gear box for emergency control ()*

| | | | | |
|---------|---------|---|--------|--------|
| 5971 04 | 300 Nm | - | 5,000 | 165,67 |
| 5971 05 | 700 Nm | - | 15,000 | 276,76 |
| 5971 06 | 1200 Nm | - | 17,000 | 397,42 |

* Actuador no incluido.

* Actuator not included.

Ref. 5975- 5976 - 5977



Reductores manuales
Tipo sin fin corona. Cuerpo de fundición.

*Gear operators
Worm gear type. Cast iron body.*

| | | | | |
|------|---------|---|--------|-------|
| 5975 | 300 Nm | - | 4,900 | 44,05 |
| 5976 | 750 Nm | - | 9,700 | 78,90 |
| 5977 | 1200 Nm | - | 12,000 | 92,75 |

Ref. 5984



Reductores manuales
 Tipo sin fin corona. Cuerpo de aluminio.
Gear operators
 Worm gear type. Cast aluminium body.

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
| 5984 04 | 150 Nm | - | 1,500 | 91,75 |
| 5984 05 | 250 Nm | - | 1,900 | 110,10 |
| 5984 06 | 750 Nm | - | 5,200 | 148,64 |

Ref. 5987



Microrruptores final de carrera (*)
 En caja de aluminio norma NAMUR - IP 67
Limit switch box(*)
 In aluminium "NAMUR" box - IP 67

Electromecánico/ Electromechanical

2 sensores inductivos/ 2 inductive sensors
 ALPS 10-30VCC 2 hilos (2wire)

2 Sensores inductivos/ 2 inductive sensors
 ALPS 10-30VDC 3 hilos "PNP" (3 wire PNP)

2 sensores inductivos/ 2 inductive sensors
 NCB2-V3-NO "P + F" (ATEX EEX ia II C T6. 8V)

| | | | | |
|---------|---|-----|----|--------|
| 5987 02 | - | --- | -- | 53,44 |
| 5987 04 | - | --- | -- | 146,43 |
| 5987 06 | - | --- | -- | 175,72 |
| 5987 08 | - | --- | -- | 199,80 |



Microrruptores final de carrera (*)
 En caja de aluminio ATEX Ex d II B T6- NAMUR IP67

Limit switch box (*)
 In aluminium ATEX Ex d II B T6- NAMUR IP67

Electromecánico/ Electromechanical *CROUZET (125-250VAC)*

2 Sensores Inductivos/ 2 Inductive sensors
 NCB2-V3-NO "P + F"
 2 inductive sensors NCB2-V3-NO "P + F" (ATEX EEX ia II C T6. 8V)

(* actuador no incluido)
 (* actuator not included)

| | | | | |
|---------|---|-----|----|--------|
| 5987 10 | - | --- | -- | 230,63 |
| 5987 12 | - | --- | -- | 353,63 |

Ref. 5987 20



Cabezal de control para Actuadores Neumáticos Rotativos On/Off con sensores, electroválvula y bus de comunicación AS-i
 En cajada de aluminio norma NAMUR - IP67- 24VDC.

Top controller for Pneumatic Actuators On/Off with sensors, solenoid and communication card AS-i.
 In aluminium NAMUR box - IP67- 24VDC

| | | | | |
|---------|---|-----|----|--------|
| 5987 20 | - | --- | -- | 798,71 |
|---------|---|-----|----|--------|

Ref. 5315



● **Microrruptor final de carrera sobre válvula manual(*)**
Limit switch box installed on handle valve()*

Electromecánico a válvula soldar/rosocar
Electromechanical welded/threaded valve
Ver art. 5987 02/ See art. 5987 02

Inductivos (Atex) a válvula soldar/rosocar
Inductive welded/threaded valve
Ver art. 5987 08/ See art. 5987 08

Electromecánico a válvula bridada
Electromechanical to flanged valve
Ver art. 5987 02/ See art. 5987 02



Inductivos (Atex) a válvula bridada
Inductives (Atex) to flanged valve
Ver Art. 5987 08/ See art. 5987 08

(*) (Válvula no incluida) / (Valve not included)

| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| | | | | |
|------------|-----------|----|---|--------|
| 5315 02 02 | 1/4"-1/2" | -- | - | 190,63 |
| 5315 05 02 | 3/4"-1" | -- | - | 190,63 |
| 5315 07 02 | 1 1/4"-2" | -- | - | 190,63 |
| 5315 10 02 | 2 1/2"-4" | -- | - | 190,63 |

| | | | | |
|------------|-----------|----|---|--------|
| 5315 02 08 | 1/4"-1/2" | -- | - | 190,63 |
| 5315 05 08 | 3/4"-1" | -- | - | 190,63 |
| 5315 07 08 | 1 1/4"-2" | -- | - | 190,63 |
| 5315 10 08 | 2 1/2"-4" | -- | - | 190,63 |

| | | | | |
|------------|-----------|----|---|--------|
| 5328 04 02 | 1/2"-3/4" | -- | - | 298,69 |
| 5328 06 02 | 1" | -- | - | 298,69 |
| 5328 07 02 | 1 1/4"-2" | -- | - | 298,69 |
| 5328 10 02 | 2 1/2"-4" | -- | - | 298,69 |

| | | | | |
|------------|-----------|----|---|--------|
| 5328 04 08 | 1/2"-3/4" | -- | - | 298,69 |
| 5328 06 08 | 1" | -- | - | 298,69 |
| 5328 07 08 | 1 1/4"-2" | -- | - | 298,69 |
| 5328 10 08 | 2 1/2"-4" | -- | - | 298,69 |

Ref. 5981

NOVEDAD
NEW



● **Microrruptor final de carrera sobre reductor manual (*)**
Limit switch box installed on gear operator ()*

Electromecánico a reductor manual
Electromechanical to gear operator
Ver art. 5987 02/ See art. 5987 02

Inductivos a reductor manual
Inductives to gear operator
Ver art. 5987 04/ See art. 5987 04

Inductivos (Atex) a reductor manual
Inductives (Atex) to gear operator
Ver art. 5987 08/ See art. 5987 08

(*) (Reductor manual no incluido) / (Gear operator not included)
(**) (Referencia del reductor manual) / (Gear operator reference)

| | | | | |
|---------|---------|-----|---|--------|
| 5981 00 | 5975 ** | -- | - | 104,52 |
| 5981 02 | 5976 ** | --- | - | 114,44 |
| 5981 04 | 5977 ** | --- | - | 139,44 |

| | | | | |
|---------|---------|-----|---|--------|
| 5982 00 | 5975 ** | -- | - | 197,51 |
| 5982 02 | 5976 ** | --- | - | 207,43 |
| 5982 04 | 5977 ** | --- | - | 232,43 |

| | | | | |
|---------|---------|-----|---|--------|
| 5983 00 | 5975 ** | -- | - | 250,88 |
| 5983 02 | 5976 ** | --- | - | 260,80 |
| 5983 04 | 5977 ** | --- | - | 285,80 |

MONTAJES BAJO DEMANDA / ASSEMBLY ON REQUEST



Válvulas de esfera con reductor manual
Ball valves with gear operator



Válvula de asiento inclinado con microinterruptores final de carrera
Angle seat valve with limit switch box

EXTENSORES DE EJES / STEM EXTENSION



Extensor para válvula manual
Extension for manual valve



Extensor para válvula manual
con traba candado
*Extension for manual valve with
locking device*



Extensor para automatización
según ISO 5211
*Extension for automation according
to ISO 5211*

VALVULAS EQUIPADAS CON ACTUADOR ELECTRICO PARA ACCIONAMIENTO AUTOMÁTICO Y A DISTANCIA

Características de los actuadores

Específicamente diseñados para aplicaciones de ¼" de vuelta (90°) y reversibles, ideales para la automatización de válvulas de bola y mariposas. Resistentes a la corrosión. Mando manual de emergencia.

Indicador visual de posición.

Estos actuadores podemos ofrecerlos en tensión monofásica o trifásica dependiendo del modelo del mismo y además distintas tensiones y tipos de alimentación (AC o DC).

Características técnicas de actuador monofásico

VALVES EQUIPPED WITH ELECTRIC ACTUATOR FOR AUTOMATIC AND REMOTE OPERATION

Characteristics of the actuators:

Specifically designed for applications of ¼" turn (90°) and reversible, ideal for the electric automation of ball valves and butterfly valves. Rust resistant. Emergency manual control.

Visual position indicator.

These actuators we can offer in different tension, single phase or three-phase depending of the model actuator and also different range of AC or DC voltage.

Technical characteristics of single phase actuators:

| DESCRIPCION / DESCRIPTION | UNIDADES UNITS | MODELOS / MODELS | | | | | |
|--|----------------|---|------------------------|------------------------|------------------------|-----------|------------|
| | | GE-0 (J3C) | GE-05 (J3C) | GE-1 (J3C) | GE-15 (J3C) | GE-2 (J2) | GE-2+ (J2) |
| Tiempo maniobra en vacío (90°) + / - 10 % / Operation time no load (90°) + / - 10% | Seg. / Sec | S "L": 12 S "H": 11 | S "L": 12 S "H": 11 | S "L": 16 S "H": 14 | S "L": 35 S "H": 30 | 33 | 60 |
| Par maniobra en operación / Operating torque | Nm. | 20 | 35 | 55 | 85 | 140 | 300 |
| Par máximo arranque / Maximum torque break | Nm | 25 | 38 | 60 | 90 | 170 | 350 |
| Tiempo bajo tensión / Duty rating | % | 75 | | | | | |
| Protección IEC 60529 / Ip rating IEC 60529 | --- | IP-67 (J3C) - IP-65 (J2) | | | | | |
| Ángulo maniobra / Working angle | ° (grados) | 90° (Option 180° - 270°) | | | | | |
| Temperatura de trabajo / Working temperature | °C | -20° + 70° | | | | | |
| Interruptor final de carrera / Limit switch | --- | 4 SPDT micro | | | | | |
| Resistencia calefactora / Anti-condensation heater | W | 4 | | | | | |
| Conectores / Plugs | --- | DIN 43650 ISO 4400 & C192 | | | | | |
| Peso / Weight | Kg | 1,8 | 1,9 | 2,4 | 3 | 5,2 | 5,2 |
| Voltaje / Voltage | V | J3C: SERIE "L" 12 a 24 AC / DC SERIE "H" 80 a 240 AC / DC 50 / 60 Hz J2: SERIE "L" 12 a 48 AC / DC SERIE "H" 80 a 240 AC / DC 50 / 60 Hz | | | | | |
| Consumo a par máximo / Consumption at maximum torque | mA / W | Ver Ficha Técnica / See Data Sheet | | | | | |

Todos los modelos "L" y "H" están equipados con los siguientes elementos:

- Control térmico de la temperatura.
- Multivoltaje.
- Control electrónico de par.
- Mando manual de Emergencia.
- Control Visual de Operación (LED) modelos J3C
- Configuración conexión AC / DC.
- Contactos auxiliares.

Accesorios opcionales:

- Posicionador 4 / 20 mA.
- Bloque de Seguridad (Este dispositivo permite situar la válvula en posición preferente (N.C. ó N.A.) y garantiza un numero de movimiento por fallo de suministro eléctrico.

All models "L" and "H" are fitted with the following elements:

- Automatic temperature control.
- Autovoltage sensing.
- Electronic torque limiter.
- Manual override.
- Visual Control of operation (LED) models J3C
- Protected Electrical Supply AC / DC.
- Volt free contacts.

Optional accessories:

- Positioner 4 / 20 mA.
- Safety Lock (This device allows the valve to be placed in preferential position (N.C. ó N.A.) and guarantee a number of movements in case the electric supply fails.

Características técnicas de actuador trifásico

Technical characteristics of three-phase actuators:

| DESCRIPCION/ DESCRIPTION | UNID./ UNITS | MODELOS / MODELS | | | | | | | | |
|--|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|
| | | GE - 010 | GE - 015 | GE - 025 | GE - 035 | GE - 050 | GE - 080 | GE - 110 | GE - 150 | GE - 210 |
| Par máximo arranque / Maximum torque break | Nm | 100 | 160 | 240 | 350 | 500 | 800 | 1100 | 1500 | 2000 |
| Tiempo maniobra en vacío (90°) / Operation time no load (90°) | Seg./ Sec. | 50Hz: 21 60Hz: 18 | 50Hz: 26 60Hz: 22 | 50Hz: 26 60Hz: 22 | 50Hz: 31 60Hz: 26 | 50Hz: 31 60Hz: 26 | 50Hz: 39 60Hz: 32 | 50Hz: 39 60Hz: 32 | 50Hz: 93 60Hz: 78 | 50Hz: 117 60Hz: 97 |
| Peso / Weight | Kg | 7 | 13 | 13 | 18 | 18 | 23 | 23 | 58 | 65 |
| Temperatura de trabajo / Working temperature | °C | -20°/ +70° | | | | | | | | |
| Interruptor final de carrera / Limit switch | --- | 4 SPDT | | | | | | | | |
| Resistencia calefactora / Anti-condensation heater | W | 7-10 | | | | | | | | |
| Anti-condensation heater Protección IEC 60529 | --- | IP- 67 | | | | | | | | |

Todos los modelos están equipados con los siguientes elementos:

- Control térmico de la temperatura.
- Control electrónico de par.
- Mando manual de Emergencia.
- Contactos auxiliares.

Accesorios opcionales:

- Posicionador 4 / 20 mA.
- Transmisor 4 / 20 mA.
- Mando local / Remoto.

All models are fitted with the following elements:

- Automatic temperature control.
- Electronic torque limiter.
- Manual override.
- Volt free contacts.

Optional accessories:

- Positioner 4 / 20 mA.
- Transmitter 4 / 20 mA.
- Remote and local position controller.

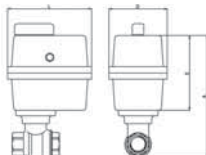
Ref. 5621



Válvula esfera 2 piezas
Características de válvula ver art. 2015
Especificar tensión de alimentación necesaria.

2 pieces full bore ball valve
Valve characteristics see art. 2015
The required tension supply to be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|----|
| 1/4" | 216 | 146 | 150 | 96 |
| 3/8" | 216 | 146 | 150 | 96 |
| 1/2" | 220 | 146 | 150 | 96 |
| 3/4" | 234 | 146 | 150 | 96 |
| 1" | 243 | 146 | 150 | 96 |
| 1 1/4" | 261 | 146 | 150 | 96 |
| 1 1/2" | 288 | 164 | 155 | 99 |
| 2" | 307 | 164 | 155 | 99 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| | | | | |
|------------|--------|-------|-------|--------|
| 5621 02 51 | 1/4" | GE-0 | 1,850 | 302,66 |
| 5621 03 51 | 3/8" | GE-0 | 1,840 | 302,66 |
| 5621 04 51 | 1/2" | GE-0 | 1,860 | 303,77 |
| 5621 05 51 | 3/4" | GE-0 | 2,150 | 315,59 |
| 5621 06 51 | 1" | GE-0 | 2,430 | 323,49 |
| 5621 07 51 | 1 1/4" | GE-0 | 3,150 | 350,01 |
| 5621 08 47 | 1 1/2" | GE-05 | 3,860 | 448,72 |
| 5621 09 52 | 2" | GE-1 | 5,240 | 527,50 |

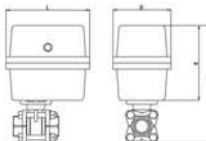
Ref. 5635- 5636 - 5637



Válvula esfera 3 piezas
Características de válvula ver art. 2025 / 2026 / 2027
Especificar tensión de alimentación necesaria.

3 pieces full bore ball valve
Valve characteristics see art. 2025 / 2026 / 2027
The required tension supply to be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/4" | 217 | 146 | 150 | 96 |
| 3/8" | 217 | 146 | 150 | 96 |
| 1/2" | 231 | 146 | 150 | 96 |
| 3/4" | 242 | 146 | 150 | 96 |
| 1" | 245 | 146 | 150 | 96 |
| 1 1/4" | 264 | 146 | 150 | 96 |
| 1 1/2" | 291 | 164 | 155 | 99 |
| 2" | 313 | 164 | 155 | 99 |
| 2 1/2" | 332 | 164 | 155 | 99 |
| 3" | 452 | 247 | 200 | 200 |
| 4" | 507 | 247 | 200 | 200 |



| 5635/ 5636/ 5637 | | | | |
|------------------|--------|-------|--------|----------|
| 02 51 | 1/4" | GE-0 | 1,850 | 304,84 |
| 03 51 | 3/8" | GE-0 | 1,850 | 304,84 |
| 04 51 | 1/2" | GE-0 | 2,060 | 306,61 |
| 05 51 | 3/4" | GE-0 | 2,250 | 317,90 |
| 06 51 | 1" | GE-0 | 2,600 | 324,66 |
| 07 51 | 1 1/4" | GE-0 | 3,250 | 382,49 |
| 08 47 | 1 1/2" | GE-05 | 4,050 | 459,87 |
| 09 52 | 2" | GE-1 | 5,450 | 617,49 |
| 10 52 | 2 1/2" | GE-1 | 9,800 | 780,91 |
| 11 48 | 3" | GE-15 | 12,800 | 1.034,13 |
| 12 53 | 4" | GE-2 | 25,700 | 1.486,67 |

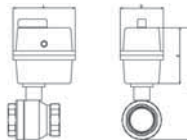
Ref. 5649



Válvula esfera 2 piezas
Características de válvula ver art. 3023 hasta 2" ver art. 3029 de 2 1/2" a 4". Especificar tensión de alimentación necesaria.

2 pieces full bore ball valve
Valve characteristics see art. 3023 until 2" . See art. 3029 from 2 1/2" to 4" The required tension supply to be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 183 | 146 | 150 | 96 |
| 3/4" | 187 | 146 | 150 | 96 |
| 1" | 196 | 146 | 150 | 96 |
| 1 1/4" | 204 | 146 | 150 | 96 |
| 1 1/2" | 217 | 146 | 150 | 96 |
| 2" | 260 | 171 | 177 | 110 |
| 2 1/2" | 405 | 247 | 200 | 200 |
| 3" | 431 | 247 | 200 | 200 |
| 4" | 472 | 247 | 200 | 200 |



| | | | | |
|------------|--------|-------|--------|----------|
| 5649 04 51 | 1/2" | GE-0 | 1,730 | 379,73 |
| 5649 05 51 | 3/4" | GE-0 | 1,850 | 384,38 |
| 5649 06 51 | 1" | GE-0 | 2,030 | 396,22 |
| 5649 07 51 | 1 1/4" | GE-0 | 2,380 | 436,65 |
| 5649 08 51 | 1 1/2" | GE-0 | 2,770 | 418,58 |
| 5649 09 47 | 2" | GE-05 | 3,900 | 598,70 |
| 5649 10 53 | 2 1/2" | GE-2 | 8,850 | 988,65 |
| 5649 11 53 | 3" | GE-2 | 10,300 | 1.016,37 |
| 5649 12 54 | 4" | GE-2+ | 13,350 | 1.262,99 |

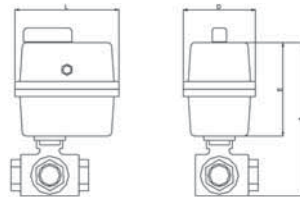
Ref. 5640 - 5641



• **Válvula esfera 3 vías "L" o "T"**
 Características de válvula ver art. 2040 / 2041
 Especificar tensión de alimentación necesaria.

"L" or "T" 3 ways reduced bore ball valve
 Valve characteristics see art. 2040 / 2041
 The required tension supply to be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/4" | 201 | 146 | 150 | 96 |
| 3/8" | 201 | 146 | 150 | 96 |
| 1/2" | 201 | 146 | 150 | 96 |
| 3/4" | 208 | 146 | 150 | 96 |
| 1" | 218 | 146 | 150 | 96 |
| 1 1/4" | 236 | 146 | 150 | 96 |
| 1 1/2" | 265 | 164 | 164 | 99 |
| 2" | 316 | 196 | 177 | 110 |
| 2 1/2" | 346 | 196 | 177 | 110 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| L | | | | |
|------------|--------|-------|--------|-----------------|
| 5640 02 51 | 1/4" | GE-0 | 2,500 | 359,81 |
| 5640 03 51 | 3/8" | GE-0 | 2,500 | 359,81 |
| 5640 04 51 | 1/2" | GE-0 | 2,500 | 361,32 |
| 5640 05 51 | 3/4" | GE-0 | 2,800 | 374,17 |
| 5640 06 51 | 1" | GE-0 | 3,300 | 476,89 |
| 5640 07 51 | 1 1/4" | GE-0 | 4,500 | 526,84 |
| 5640 08 47 | 1 1/2" | GE-05 | 4,500 | 700,99 |
| 5640 09 52 | 2" | GE-1 | 7,300 | 932,75 |
| 5640 10 48 | 2 1/2" | GE-15 | 10,800 | 1.222,65 |

| T | | | | |
|------------|--------|-------|--------|-----------------|
| 5641 02 51 | 1/4" | GE-0 | 2,500 | 359,81 |
| 5641 03 51 | 3/8" | GE-0 | 2,500 | 359,81 |
| 5641 04 51 | 1/2" | GE-0 | 2,500 | 361,32 |
| 5641 05 51 | 3/4" | GE-0 | 2,800 | 374,17 |
| 5641 06 51 | 1" | GE-0 | 3,300 | 476,89 |
| 5641 07 51 | 1 1/4" | GE-0 | 4,500 | 526,84 |
| 5641 08 47 | 1 1/2" | GE-05 | 4,500 | 700,99 |
| 5641 09 52 | 2" | GE-1 | 7,300 | 932,75 |
| 5641 10 48 | 2 1/2" | GE-15 | 10,800 | 1.222,65 |

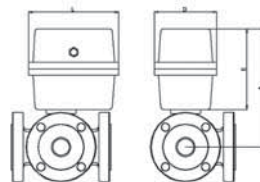
Ref. 5642 - 5643



• **Válvula esfera 3 vías bridada "L" o "T"**
 Características de válvula ver art. 2540 / 2541
 Especificar tensión de alimentación necesaria.

"L" or "T" 3 ways reduced bore ball valve
 Valve characteristics see art. 2540 / 2541
 The required tension supply to be specified.

| DN | A | E | L | D |
|-----|-----|-----|-----|-----|
| 50 | 218 | 148 | 169 | 104 |
| 65 | 276 | 199 | 169 | 106 |
| 80 | 285 | 199 | 169 | 106 |
| 100 | 291 | 199 | 169 | 106 |
| 125 | 361 | 254 | 235 | 214 |
| 150 | 373 | 254 | 235 | 214 |
| 200 | 404 | 254 | 235 | 214 |



| L | | | | |
|------------|--------|-------|--------|-----------------|
| 5642 06 51 | 1" | GE-0 | 9,300 | 852,58 |
| 5642 07 47 | 1 1/4" | GE-05 | 13,200 | 992,30 |
| 5642 08 52 | 1 1/2" | GE-1 | 16,500 | 1.272,52 |
| 5642 09 52 | 2" | GE-1 | 21,500 | 1.587,02 |
| 5642 10 48 | 2 1/2" | GE-15 | 31,700 | 2.722,26 |
| 5642 11 53 | 3" | GE-2 | 47,200 | 3.647,78 |
| 5642 12 54 | 4" | GE-2+ | 65,500 | 4.791,62 |

| T | | | | |
|------------|--------|-------|--------|-----------------|
| 5643 06 51 | 1" | GE-0 | 9,300 | 852,58 |
| 5643 07 47 | 1 1/4" | GE-05 | 13,200 | 992,30 |
| 5643 08 52 | 1 1/2" | GE-1 | 16,500 | 1.272,52 |
| 5643 09 52 | 2" | GE-1 | 21,500 | 1.587,02 |
| 5643 10 48 | 2 1/2" | GE-15 | 31,700 | 2.722,26 |
| 5643 11 53 | 3" | GE-2 | 47,200 | 3.647,78 |
| 5643 12 54 | 4" | GE-2+ | 65,500 | 4.791,62 |

Ref. 5625

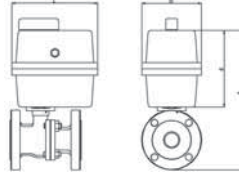


Válvula esfera 2 piezas bridada

Características de válvula ver art. 2525
Especificar tensión de alimentación necesaria.

2 pieces full bore ball valve - flanges ends
Valve characteristics see art. 2525
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 215 | 146 | 150 | 96 |
| 3/4" | 225 | 146 | 150 | 96 |
| 1" | 235 | 146 | 150 | 96 |
| 1 1/4" | 265 | 164 | 155 | 99 |
| 1 1/2" | 270 | 164 | 155 | 99 |
| 2" | 300 | 164 | 155 | 99 |
| 2 1/2" | 386 | 247 | 200 | 200 |
| 3" | 394 | 247 | 200 | 200 |
| 4" | 408 | 247 | 200 | 200 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
| 5625 04 51 | 1/2" | GE-0 | 4,150 | 342,06 |
| 5625 05 51 | 3/4" | GE-0 | 4,800 | 349,64 |
| 5625 06 51 | 1" | GE-0 | 5,500 | 366,63 |
| 5625 07 47 | 1 1/4" | GE-05 | 8,600 | 458,03 |
| 5625 08 52 | 1 1/2" | GE-1 | 10,650 | 547,56 |
| 5625 09 52 | 2" | GE-1 | 14,500 | 548,10 |
| 5625 10 48 | 2 1/2" | GE-15 | 18,300 | 899,76 |
| 5625 11 53 | 3" | GE-2 | 25,450 | 1.087,94 |
| 5625 12 54 | 4" | GE-2+ | 29,000 | 1.399,05 |

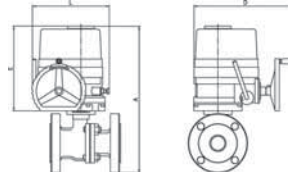


Válvula esfera 2 piezas bridada

Características de válvula ver art. 2525
Servomotor trifásico (3-400V). Otro voltaje consultar.

2 pieces full bore ball valve - flanges ends
Valve characteristics see art. 2525
Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 4" | 505 | 259 | 229 | 338 |
| 5" | 579 | 259 | 229 | 338 |
| 6" | 648 | 288 | 244 | 357 |
| 8" | 733 | 313 | 284 | 380 |



| | | | | |
|------------|----|--------|---------|----------|
| 5625 12 55 | 4" | GE-025 | 37,600 | 1.763,84 |
| 5625 13 55 | 5" | GE-025 | 59,800 | 2.328,22 |
| 5625 14 56 | 6" | GE-035 | 82,450 | 2.705,54 |
| 5625 16 57 | 8" | GE-080 | 111,600 | 4.555,13 |

Ref. 5626A

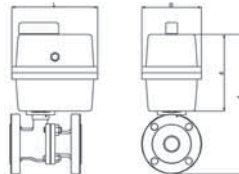


Válvula esfera 2 piezas bridada

Características de válvula ver art. 2526A
Especificar tensión de alimentación necesaria.

2 pieces full bore ball valve - flanges ends
Valve characteristics see art. 2526A
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 220 | 146 | 150 | 96 |
| 3/4" | 230 | 146 | 150 | 96 |
| 1" | 235 | 146 | 150 | 96 |
| 1 1/4" | 247 | 146 | 150 | 96 |
| 1 1/2" | 270 | 164 | 155 | 99 |
| 2" | 300 | 164 | 155 | 99 |
| 2 1/2" | 303 | 164 | 155 | 99 |
| 3" | 394 | 247 | 200 | 200 |
| 4" | 408 | 247 | 200 | 200 |



| | | | | |
|-------------|--------|-------|--------|----------|
| 5626A 04 51 | 1/2" | GE-0 | 3,450 | 346,03 |
| 5626A 05 51 | 3/4" | GE-0 | 4,000 | 358,76 |
| 5626A 06 51 | 1" | GE-0 | 5,800 | 378,57 |
| 5626A 07 51 | 1 1/4" | GE-0 | 6,650 | 414,80 |
| 5626A 08 47 | 1 1/2" | GE-05 | 9,250 | 522,55 |
| 5626A 09 52 | 2" | GE-1 | 13,400 | 653,64 |
| 5626A 10 52 | 2 1/2" | GE-1 | 16,750 | 812,80 |
| 5626A 11 48 | 3" | GE-15 | 21,200 | 1.104,15 |
| 5626A 12 53 | 4" | GE-2 | 33,250 | 1.596,25 |

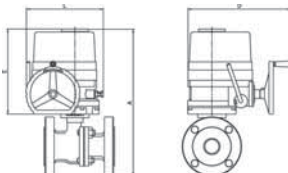


Válvula esfera 2 piezas bridada

Características de válvula ver art. 2526A
Servomotor trifásico (3-400V). Otro voltaje consultar.

2 pieces full bore ball valve - flanges ends
Valve characteristics see art. 2526A
Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 4" | 514 | 259 | 229 | 338 |
| 6" | 608 | 288 | 244 | 357 |



| | | | | |
|-------------|----|--------|--------|----------|
| 5626A 12 55 | 4" | GE-025 | 44,500 | 1.880,63 |
| 5626A 14 56 | 6" | GE-035 | 74,500 | 3.310,94 |

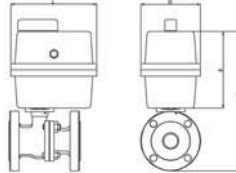
Ref. 5628



Válvula esfera 2 piezas bridada
Características de válvula ver art. 2528
Especificar tensión de alimentación necesaria.

2 piezas full bore ball valve - flanges ends
Valve characteristics see art. 2528
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 215 | 146 | 150 | 96 |
| 3/4" | 225 | 146 | 150 | 96 |
| 1" | 235 | 146 | 150 | 96 |
| 1 1/4" | 247 | 146 | 150 | 96 |
| 1 1/2" | 270 | 164 | 155 | 99 |
| 2" | 300 | 164 | 155 | 99 |
| 2 1/2" | 303 | 164 | 155 | 99 |
| 3" | 394 | 247 | 200 | 200 |
| 4" | 408 | 247 | 200 | 200 |



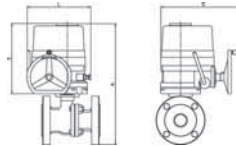
| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| | | | | |
|------------|--------|-------|--------|----------|
| 5628 04 51 | 1/2" | GE-0 | 4,200 | 393,78 |
| 5628 05 51 | 3/4" | GE-0 | 4,950 | 413,12 |
| 5628 06 51 | 1" | GE-0 | 6,700 | 443,86 |
| 5628 07 51 | 1 1/4" | GE-0 | 8,500 | 521,82 |
| 5628 08 47 | 1 1/2" | GE-05 | 10,450 | 646,19 |
| 5628 09 52 | 2" | GE-1 | 14,500 | 787,91 |
| 5628 10 52 | 2 1/2" | GE-1 | 18,400 | 1.007,42 |
| 5628 11 48 | 3" | GE-15 | 22,250 | 1.324,93 |
| 5628 12 53 | 4" | GE-2 | 29,000 | 1.829,61 |

Válvula esfera 2 piezas bridada
Características de válvula ver art. 2528
Servomotor trifásico (3-400V). Otro voltaje consultar.

2 piezas full bore ball valve - flanges ends
Valve characteristics see art. 2528
Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 4" | 514 | 259 | 229 | 338 |
| 5" | 579 | 259 | 229 | 338 |
| 6" | 648 | 288 | 244 | 357 |
| 8" | 733 | 313 | 284 | 380 |



| | | | | |
|------------|----|--------|---------|----------|
| 5628 12 55 | 4" | GE-025 | 41,250 | 2.342,49 |
| 5628 13 55 | 5" | GE-025 | 58,650 | 3.421,30 |
| 5628 14 56 | 6" | GE-035 | 80,850 | 4.363,66 |
| 5628 16 57 | 8" | GE-080 | 131,700 | 8.543,35 |

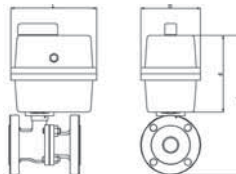
Ref. 5628A



Válvula esfera 2 piezas bridada
Características de válvula ver art. 2528A
Especificar tensión de alimentación necesaria.

2 piezas full bore ball valve - flanges ends
Valve characteristics see art. 2528A
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 215 | 146 | 150 | 96 |
| 3/4" | 225 | 146 | 150 | 96 |
| 1" | 235 | 146 | 150 | 96 |
| 1 1/4" | 247 | 146 | 150 | 96 |
| 1 1/2" | 270 | 164 | 155 | 99 |
| 2" | 300 | 164 | 155 | 99 |
| 2 1/2" | 303 | 164 | 155 | 99 |
| 3" | 394 | 247 | 200 | 200 |
| 4" | 408 | 247 | 200 | 200 |

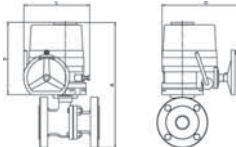


| | | | | |
|-------------|--------|-------|--------|----------|
| 5628A 04 51 | 1/2" | GE-0 | 3,450 | 375,57 |
| 5628A 05 51 | 3/4" | GE-0 | 4,000 | 394,26 |
| 5628A 06 51 | 1" | GE-0 | 5,800 | 430,95 |
| 5628A 07 51 | 1 1/4" | GE-0 | 6,650 | 520,31 |
| 5628A 08 47 | 1 1/2" | GE-05 | 9,250 | 615,40 |
| 5628A 09 52 | 2" | GE-1 | 13,400 | 756,47 |
| 5628A 10 52 | 2 1/2" | GE-1 | 16,750 | 1.148,94 |
| 5628A 11 48 | 3" | GE-15 | 21,200 | 1.356,12 |
| 5628A 12 53 | 4" | GE-2 | 33,250 | 1.901,37 |

Válvula esfera 2 piezas bridada
Características de válvula ver art. 2528A
Servomotor trifásico (3-400V). Otro voltaje consultar.

2 piezas full bore ball valve - flanges ends
Valve characteristics see art. 2528A
Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 4" | 509 | 259 | 229 | 338 |
| 6" | 595 | 288 | 244 | 357 |
| 8" | 676 | 313 | 284 | 380 |



| | | | | |
|-------------|----|--------|---------|----------|
| 5628A 12 55 | 4" | GE-025 | 45,500 | 2.576,66 |
| 5628A 14 56 | 6" | GE-035 | 88,000 | 4.657,98 |
| 5628A 16 57 | 8" | GE-080 | 133,000 | 9.091,90 |

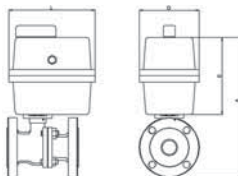
| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

Ref. 5629

- Válvula esfera 2 piezas bridada**
 Características de válvula ver art. 2528 hasta 2"
 Ver art. 2529 de 2 1/2" a 6"
 Especificar tensión de alimentación necesaria.

2 pieces full bore ball valve - flanges ends
 Valve characteristics see art. 2528 until 2"
 See art. 2529 from 2 1/2" to 6"
 Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 215 | 146 | 150 | 96 |
| 3/4" | 225 | 146 | 150 | 96 |
| 1" | 235 | 146 | 150 | 96 |
| 1 1/4" | 247 | 146 | 150 | 96 |
| 1 1/2" | 270 | 164 | 155 | 99 |
| 2" | 300 | 164 | 155 | 99 |
| 2 1/2" | 386 | 247 | 200 | 200 |
| 3" | 394 | 247 | 200 | 200 |
| 4" | 408 | 247 | 200 | 200 |
| 5" | 420 | 247 | 200 | 200 |
| 6" | 450 | 247 | 200 | 200 |

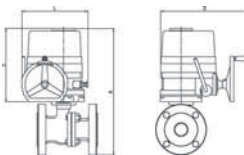


| | | | | |
|------------|--------|-------|--------|----------|
| 5629 04 51 | 1/2" | GE-0 | 4,200 | 393,78 |
| 5629 05 51 | 3/4" | GE-0 | 4,950 | 413,12 |
| 5629 06 51 | 1" | GE-0 | 6,700 | 443,86 |
| 5629 07 51 | 1 1/4" | GE-0 | 8,500 | 521,82 |
| 5629 08 47 | 1 1/2" | GE-05 | 10,450 | 646,19 |
| 5629 09 52 | 2" | GE-1 | 14,500 | 787,91 |
| 5629 10 52 | 2 1/2" | GE-1 | 20,000 | 1.309,71 |
| 5629 11 48 | 3" | GE-15 | 25,860 | 1.733,76 |
| 5629 12 53 | 4" | GE-2 | 36,450 | 2.507,43 |

- Válvula esfera 2 piezas bridada**
 Características de válvula ver art. 2529
 Servomotor trifásico (3-400V). Otro voltaje consultar.

2 pieces full bore ball valve - flanges ends
 Valve characteristics see art. 2529
 Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 4" | 534 | 259 | 229 | 338 |
| 5" | 608 | 288 | 244 | 357 |
| 8" | 663 | 313 | 284 | 380 |



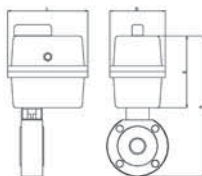
| | | | | |
|------------|----|--------|---------|----------|
| 5629 12 55 | 4" | GE-025 | 44,900 | 2.730,28 |
| 5629 13 56 | 5" | GE-035 | 72,900 | 4.266,54 |
| 5629 14 57 | 6" | GE-080 | 100,450 | 5.999,19 |

Ref. 5605

- Válvula esfera 1 pieza tipo wafer**
 Características de válvula ver art. 2105
 Especificar tensión de alimentación necesaria.

1 piece wafer type ball valve - flanges ends
 Valve characteristics see art. 2105
 Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1" | 272 | 146 | 150 | 96 |
| 1 1/4" | 307 | 164 | 164 | 99 |
| 1 1/2" | 321 | 164 | 164 | 99 |
| 2" | 336 | 164 | 164 | 99 |
| 2 1/2" | 446 | 247 | 200 | 200 |
| 3" | 473 | 247 | 200 | 200 |
| 4" | 507 | 247 | 200 | 200 |



| | | | | |
|------------|--------|-------|--------|----------|
| 5605 06 51 | 1" | GE-0 | 4,200 | 415,28 |
| 5605 07 52 | 1 1/4" | GE-1 | 5,600 | 588,53 |
| 5605 08 52 | 1 1/2" | GE-1 | 8,300 | 613,14 |
| 5605 09 52 | 2" | GE-1 | 9,800 | 645,45 |
| 5605 10 53 | 2 1/2" | GE-2 | 20,200 | 1.152,54 |
| 5605 11 53 | 3" | GE-2 | 25,100 | 1.259,47 |
| 5605 12 54 | 4" | GE-2+ | 35,000 | 1.661,76 |

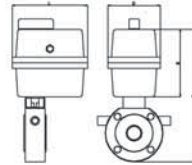
Ref. 5615



• **Válvula esfera 1 pieza tipo wafer con cámara de calefacción**
Características de válvula ver art. 2115
Especificar tensión de alimentación necesaria.

1 piece wafer type ball valve - flanges ends
Valve characteristics see art. 2115
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1" | 272 | 146 | 150 | 96 |
| 1 1/4" | 307 | 164 | 164 | 99 |
| 1 1/2" | 321 | 164 | 164 | 99 |
| 2" | 336 | 164 | 164 | 99 |
| 2 1/2" | 446 | 247 | 200 | 200 |
| 3" | 473 | 247 | 200 | 200 |
| 4" | 507 | 247 | 200 | 200 |



| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
| 5615 06 51 | 1" | GE-0 | 4,650 | 523,15 |
| 5615 07 52 | 1 1/4" | GE-1 | 6,150 | 698,01 |
| 5615 08 52 | 1 1/2" | GE-1 | 8,900 | 749,68 |
| 5615 09 52 | 2" | GE-1 | 10,500 | 798,01 |
| 5615 10 53 | 2 1/2" | GE-2 | 21,150 | 1.355,62 |
| 5615 11 53 | 3" | GE-2 | 26,500 | 1.485,62 |
| 5615 12 54 | 4" | GE-2+ | 37,050 | 1.943,81 |

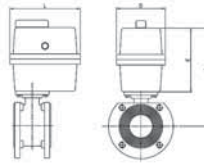
Ref. 5618



• **Válvula esfera 1 pieza tipo wafer**
Características de válvula ver art. 2118
Especificar tensión de alimentación necesaria.

1 piece ball valve wafer type
Valve characteristics see art. 2118
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 252 | 146 | 150 | 96 |
| 3/4" | 262 | 146 | 150 | 96 |
| 1" | 204 | 146 | 150 | 96 |
| 1 1/4" | 216 | 146 | 150 | 96 |
| 1 1/2" | 248 | 171 | 150 | 96 |
| 2" | 249 | 164 | 155 | 99 |
| 2 1/2" | 259 | 164 | 155 | 99 |
| 3" | 275 | 164 | 155 | 99 |
| 4" | 370 | 247 | 200 | 200 |



| | | | | |
|------------|--------|-------|--------|----------|
| 5618 04 51 | 1/2" | GE-0 | 3,000 | 419,29 |
| 5618 05 51 | 3/4" | GE-0 | 3,500 | 435,83 |
| 5618 06 51 | 1" | GE-0 | 4,000 | 459,62 |
| 5618 07 51 | 1 1/4" | GE-0 | 5,000 | 568,42 |
| 5618 08 47 | 1 1/2" | GE-05 | 6,150 | 648,76 |
| 5618 09 52 | 2" | GE-1 | 7,450 | 762,51 |
| 5618 10 52 | 2 1/2" | GE-1 | 9,800 | 1.185,50 |
| 5618 11 48 | 3" | GE-15 | 12,300 | 1.384,03 |
| 5618 12 53 | 4" | GE-2 | 23,200 | 1.997,62 |

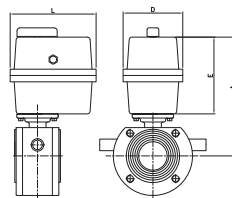
Ref. 5919



• **Válvula esfera 1 pieza tipo wafer con cámara de calefacción**
Características de válvula ver art. 2119
Especificar tensión de alimentación necesaria.

1 piece ball valve with heating chamber
Valve characteristics see art. 2119
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 1/2" | 252 | 146 | 150 | 96 |
| 3/4" | 262 | 146 | 150 | 96 |
| 1" | 204 | 146 | 150 | 96 |
| 1 1/4" | 216 | 146 | 150 | 96 |
| 1 1/2" | 248 | 171 | 150 | 96 |
| 2" | 249 | 164 | 155 | 99 |
| 2 1/2" | 259 | 164 | 155 | 99 |
| 3" | 275 | 164 | 155 | 99 |
| 4" | 370 | 247 | 200 | 200 |



| | | | | |
|------------|--------|-------|--------|----------|
| 5919 04 51 | 1/2" | GE-0 | 3,100 | 649,41 |
| 5919 05 51 | 3/4" | GE-0 | 3,610 | 666,54 |
| 5919 06 51 | 1" | GE-0 | 4,150 | 758,85 |
| 5919 07 51 | 1 1/4" | GE-0 | 5,250 | 830,34 |
| 5919 08 47 | 1 1/2" | GE-05 | 6,500 | 963,60 |
| 5919 09 52 | 2" | GE-1 | 7,900 | 1.091,77 |
| 5919 10 52 | 2 1/2" | GE-1 | 10,550 | 1.345,10 |
| 5919 11 48 | 3" | GE-15 | 13,300 | 1.713,42 |
| 5919 12 53 | 4" | GE-2 | 24,500 | 2.216,12 |

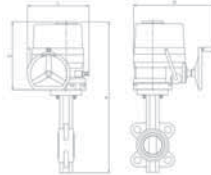
Ref. 5633



Válvula mariposa tipo wafer
 Características de válvula ver art. 2103
 Servomotor trifásico (3-400V). Otro voltaje consultar.

Wafer type butterfly valve
 Valve characteristics see art. 2103
 Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|------|-----|-----|-----|
| 5" | 595 | 220 | 172 | 258 |
| 6" | 659 | 259 | 229 | 338 |
| 8" | 709 | 259 | 229 | 338 |
| 10" | 818 | 288 | 244 | 357 |
| 12" | 898 | 288 | 244 | 357 |
| 14" | 963 | 313 | 287 | 380 |
| 16" | 1033 | 313 | 287 | 380 |
| 18" | 1281 | 506 | 293 | 368 |
| 20" | 1381 | 531 | 312 | 380 |



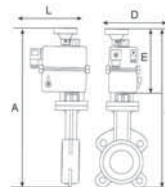
| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
| 5633 13 58 | 5" | GE-010 | 15,750 | 1.137,70 |
| 5633 14 59 | 6" | GE-015 | 26,150 | 1.413,40 |
| 5633 16 55 | 8" | GE-025 | 31,600 | 1.509,12 |
| 5633 18 56 | 10" | GE-035 | 43,450 | 1.718,68 |
| 5633 20 62 | 12" | GE-050 | 64,500 | 2.068,99 |
| 5633 22 57 | 14" | GE-080 | 86,000 | 2.385,40 |
| 5633 24 60 | 16" | GE-110 | 107,000 | 3.327,82 |
| 5633 26 64 | 18" | GE-150 | 183,500 | 4.903,11 |
| 5633 28 61 | 20" | GE-210 | 226,500 | 5.693,70 |



Válvula mariposa tipo wafer
 Características de válvula ver art. 2103
 Especificar tensión de alimentación necesaria.

Wafer type butterfly valve
 Valve characteristics see art. 2103
 Required voltage must be specified.

| DN | A | E | L | D |
|-----|-----|-----|-----|-----|
| 50 | 435 | 196 | 177 | 110 |
| 65 | 449 | 196 | 177 | 110 |
| 80 | 464 | 196 | 177 | 110 |
| 100 | 501 | 196 | 177 | 110 |
| 125 | 538 | 196 | 177 | 110 |
| 150 | 614 | 254 | 215 | 214 |
| 200 | 684 | 254 | 215 | 214 |



| | | | | |
|------------|--------|-------|--------|----------|
| 5633 09 52 | 2" | GE-1 | 6,300 | 465,43 |
| 5633 10 52 | 2 1/2" | GE-1 | 6,700 | 473,20 |
| 5633 11 52 | 3" | GE-1 | 7,200 | 527,66 |
| 5633 12 52 | 4" | GE-1 | 9,100 | 531,66 |
| 5633 13 48 | 5" | GE-15 | 11,200 | 842,59 |
| 5633 14 53 | 6" | GE-2 | 15,300 | 933,35 |
| 5633 16 54 | 8" | GE-2+ | 21,100 | 1.121,33 |

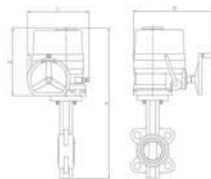
Ref. 5639



Válvula mariposa tipo wafer
 Características de válvula ver art. 2109
 Servomotor trifásico (3-400V). Otro voltaje consultar.

Wafer type butterfly valve
 Valve characteristics see art. 2109
 Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|------|-----|-----|-----|
| 5" | 595 | 220 | 172 | 258 |
| 6" | 659 | 259 | 229 | 338 |
| 8" | 709 | 259 | 229 | 338 |
| 10" | 818 | 288 | 244 | 357 |
| 12" | 898 | 288 | 244 | 357 |
| 14" | 963 | 313 | 287 | 380 |
| 16" | 1033 | 313 | 287 | 380 |
| 18" | 1281 | 506 | 293 | 368 |
| 20" | 1381 | 531 | 312 | 380 |



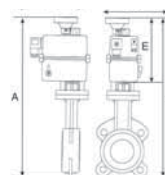
| | | | | |
|------------|-----|--------|---------|----------|
| 5639 13 58 | 5" | GE-010 | 15,750 | 1.162,26 |
| 5639 14 59 | 6" | GE-015 | 26,150 | 1.497,82 |
| 5639 16 55 | 8" | GE-025 | 31,600 | 1.584,37 |
| 5639 18 56 | 10" | GE-035 | 43,450 | 1.756,13 |
| 5639 20 62 | 12" | GE-050 | 64,500 | 2.135,69 |
| 5639 22 57 | 14" | GE-080 | 86,000 | 2.720,10 |
| 5639 24 60 | 16" | GE-110 | 107,000 | 3.754,00 |
| 5639 26 64 | 18" | GE-150 | 183,500 | 5.597,88 |
| 5939 28 61 | 20" | GE-210 | 226,500 | 6.549,48 |



Válvula mariposa tipo wafer
 Características de válvula ver art. 2109
 Especificar tensión de alimentación necesaria.

Wafer type butterfly valve
 Valve characteristics see art. 2109
 Required voltage must be specified.

| DN | A | E | L | D |
|-----|-----|-----|-----|-----|
| 50 | 435 | 196 | 177 | 110 |
| 65 | 449 | 196 | 177 | 110 |
| 80 | 464 | 196 | 177 | 110 |
| 100 | 501 | 196 | 177 | 110 |
| 125 | 538 | 196 | 177 | 110 |
| 150 | 614 | 254 | 215 | 214 |
| 200 | 684 | 254 | 215 | 214 |



| | | | | |
|------------|--------|-------|--------|----------|
| 5639 09 52 | 2" | GE-1 | 6,300 | 473,08 |
| 5639 10 52 | 2 1/2" | GE-1 | 6,700 | 482,70 |
| 5639 11 52 | 3" | GE-1 | 7,200 | 541,15 |
| 5639 12 52 | 4" | GE-1 | 9,100 | 558,46 |
| 5639 13 48 | 5" | GE-15 | 11,200 | 872,10 |
| 5639 14 53 | 6" | GE-2 | 15,300 | 980,25 |
| 5639 16 54 | 8" | GE-2+ | 21,100 | 1.222,43 |

Ref. 5611

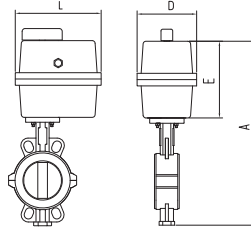


NOVEDAD
NEW

Válvula mariposa tipo wafer
Características de válvula ver art. 2101
Especificar tensión de alimentación necesaria.

Butterfly valve wafer type
Valve characteristics see art. 2101
The required tension supply to be specified.

| MED. | A | E | L | D |
|---------|-----|-----|-----|-----|
| 2" | 384 | 164 | 155 | 99 |
| 2" 1/2" | 403 | 164 | 155 | 99 |
| 3" | 417 | 164 | 155 | 99 |
| 4" | 537 | 247 | 200 | 200 |
| 5" | 564 | 247 | 200 | 200 |
| 6" | 596 | 247 | 200 | 200 |

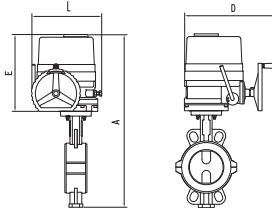


| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
| 5611 09 47 | 2" | GE-05 | 5,820 | 649,63 |
| 5611 10 52 | 2 1/2" | GE-1 | 6,080 | 724,30 |
| 5611 11 52 | 3" | GE-1 | 6,640 | 837,00 |
| 5611 12 48 | 4" | GE-15 | 11,830 | 1.167,87 |
| 5611 13 53 | 5" | GE-2 | 12,870 | 1.459,97 |
| 5611 14 54 | 6" | GE-2+ | 12,540 | 1.815,42 |

Válvula mariposa tipo wafer
Características de válvula ver art. 2101
Servomotor trifásico (3-400V). Otro voltaje consultar.

Butterfly valve wafer type
Valve characteristics see art. 2101
Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 4" | 510 | 220 | 172 | 258 |
| 5" | 576 | 259 | 229 | 338 |
| 6" | 608 | 259 | 229 | 338 |
| 8" | 699 | 288 | 244 | 357 |



| | | | | |
|------------|----|--------|--------|----------|
| 5611 12 58 | 4" | GE-010 | 13,630 | 1.307,81 |
| 5611 13 59 | 5" | GE-015 | 22,670 | 1.563,32 |
| 5611 14 55 | 6" | GE-025 | 22,340 | 1.846,04 |
| 5611 16 62 | 8" | GE-050 | 33,980 | 2.711,45 |

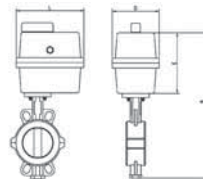
Ref. 5634



Válvula mariposa tipo wafer inoxidable
Características de válvula ver art. 2104
Especificar tensión de alimentación necesaria.

Stainless steel butterfly valve wafer type
Valve characteristics see art. 2104
Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 2" | 374 | 164 | 155 | 99 |
| 2 1/2" | 384 | 164 | 155 | 99 |
| 3" | 392 | 164 | 155 | 99 |
| 4" | 521 | 247 | 200 | 200 |
| 5" | 553 | 247 | 200 | 200 |
| 6" | 582 | 247 | 200 | 200 |

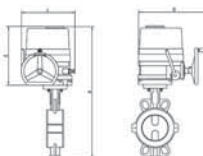


| | | | | |
|------------|--------|-------|--------|----------|
| 5634 09 47 | 2" | GE-05 | 5,400 | 771,83 |
| 5634 10 52 | 2 1/2" | GE-1 | 6,200 | 904,60 |
| 5634 11 52 | 3" | GE-1 | 6,700 | 1.008,14 |
| 5634 12 48 | 4" | GE-15 | 8,500 | 1.366,23 |
| 5634 13 53 | 5" | GE-2 | 13,400 | 1.707,94 |
| 5634 14 54 | 6" | GE-2+ | 14,800 | 2.155,95 |

Válvula mariposa tipo wafer inoxidable
Características de válvula ver art. 2104
Servomotor trifásico (3-400V). Otro voltaje consultar.

Stainless steel butterfly valve wafer type
Valve characteristics see art. 2104
Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 4" | 494 | 220 | 172 | 258 |
| 5" | 565 | 259 | 229 | 338 |
| 6" | 594 | 259 | 229 | 338 |
| 8" | 697 | 288 | 244 | 357 |



| | | | | |
|------------|----|--------|--------|----------|
| 5634 12 58 | 4" | GE-010 | 13,500 | 1.757,96 |
| 5634 13 59 | 5" | GE-015 | 23,200 | 2.059,34 |
| 5634 14 55 | 6" | GE-025 | 24,600 | 2.500,53 |
| 5634 16 62 | 8" | GE-050 | 34,700 | 3.506,89 |

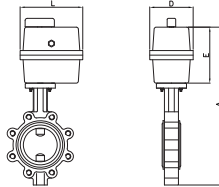
Ref. 5608



Valvula mariposa tipo LUG DIN
 Características de válvula ver art. 2108
 Especificar tensión de alimentación necesaria.

Butterfly valve DIN LUG type
 Valve characteristics see art. 2108
 Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 2" | 364 | 164 | 155 | 99 |
| 2 1/2" | 392 | 164 | 155 | 99 |
| 3" | 429 | 164 | 155 | 99 |
| 4" | 460 | 164 | 155 | 99 |
| 5" | 569 | 247 | 200 | 200 |
| 6" | 594 | 247 | 200 | 200 |
| 8" | 662 | 247 | 200 | 200 |



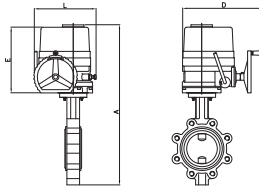
| CÓDIGO CODE | MEDIDA SIZE | TIPO ACT. ACT. TYPE | PESO WEIGHT | P.V.P. PRICE |
|-------------|-------------|---------------------|-------------|--------------|
|-------------|-------------|---------------------|-------------|--------------|

| | | | | |
|------------|--------|-------|--------|----------|
| 5608 09 52 | 2" | GE-1 | 6,700 | 477,92 |
| 5608 10 52 | 2 1/2" | GE-1 | 7,300 | 488,39 |
| 5608 11 52 | 3" | GE-1 | 7,600 | 526,52 |
| 5608 12 52 | 4" | GE-1 | 10,900 | 550,48 |
| 5608 13 48 | 5" | GE-15 | 13,300 | 856,07 |
| 5608 14 53 | 6" | GE-2 | 18,500 | 976,49 |
| 5608 16 54 | 8" | GE-2+ | 23,400 | 1.257,65 |

Valvula mariposa tipo LUG DIN
 Características de válvula ver art. 2108
 Servomotor trifásico (3-400V). Otro voltaje consultar.

Butterfly valve DIN LUG type
 Valve characteristics see art. 2108
 Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|-----|-----|-----|-----|
| 5" | 563 | 220 | 172 | 258 |
| 6" | 627 | 259 | 229 | 338 |
| 8" | 689 | 259 | 229 | 338 |
| 10" | 799 | 288 | 244 | 357 |
| 12" | 860 | 288 | 244 | 357 |



| | | | | |
|------------|-----|--------|--------|----------|
| 5608 13 58 | 5" | GE-010 | 17,850 | 1.205,06 |
| 5608 14 59 | 6" | GE-015 | 29,350 | 1.395,85 |
| 5608 16 55 | 8" | GE-025 | 33,900 | 1.737,27 |
| 5608 18 56 | 10" | GE-035 | 49,550 | 1.993,65 |
| 5608 20 62 | 12" | GE-050 | 76,000 | 2.312,40 |

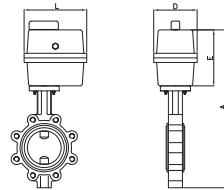
Ref. 5608A



Valvula mariposa tipo LUG ANSI
 Características de válvula ver art. 2108A
 Especificar tensión de alimentación necesaria.

Butterfly valve ANSI LUG type
 Valve characteristics see art. 2108A
 Required voltage must be specified.

| MED. | A | E | L | D |
|--------|-----|-----|-----|-----|
| 2" | 364 | 164 | 155 | 99 |
| 2 1/2" | 392 | 164 | 155 | 99 |
| 3" | 429 | 164 | 155 | 99 |
| 4" | 460 | 164 | 155 | 99 |
| 5" | 569 | 247 | 200 | 200 |
| 6" | 594 | 247 | 200 | 200 |
| 8" | 662 | 247 | 200 | 200 |

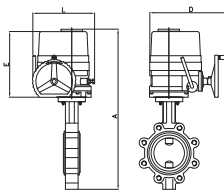


| | | | | |
|-------------|--------|-------|--------|----------|
| 5608A 09 52 | 2" | GE-1 | 6,700 | 478,64 |
| 5608A 10 52 | 2 1/2" | GE-1 | 7,300 | 489,25 |
| 5608A 11 52 | 3" | GE-1 | 7,600 | 526,52 |
| 5608A 12 52 | 4" | GE-1 | 10,900 | 550,48 |
| 5608A 13 48 | 5" | GE-15 | 13,300 | 856,07 |
| 5608A 14 53 | 6" | GE-2 | 18,500 | 976,49 |
| 5608A 16 54 | 8" | GE-2+ | 23,400 | 1.265,15 |

Valvula mariposa tipo LUG ANSI
 Características de válvula ver art. 2108A
 Servomotor trifásico (3-400V). Otro voltaje consultar.

Butterfly valve ANSI LUG type
 Valve characteristics see art. 2108A
 Triphasic servomotor (3-400V). Other voltage please consult us.

| MED. | A | E | L | D |
|------|------|-----|-----|-----|
| 5" | 563 | 220 | 172 | 258 |
| 6" | 627 | 259 | 229 | 338 |
| 8" | 689 | 259 | 229 | 338 |
| 10" | 799 | 288 | 244 | 357 |
| 12" | 860 | 288 | 244 | 357 |
| 14" | 891 | 313 | 287 | 380 |
| 16" | 959 | 313 | 287 | 380 |
| 18" | 1209 | 506 | 293 | 368 |
| 20" | 1209 | 531 | 312 | 380 |



| | | | | |
|-------------|-----|--------|---------|----------|
| 5608A 13 58 | 5" | GE-010 | 17,850 | 1.317,80 |
| 5608A 14 59 | 6" | GE-015 | 29,350 | 1.601,54 |
| 5608A 16 55 | 8" | GE-025 | 33,900 | 1.709,87 |
| 5608A 18 56 | 10" | GE-035 | 49,550 | 1.997,57 |
| 5608A 20 62 | 12" | GE-050 | 76,000 | 2.353,65 |
| 5608A 22 57 | 14" | GE-080 | 97,500 | 3.813,12 |
| 5608A 24 60 | 16" | GE-110 | 126,400 | 4.776,46 |
| 5608A 26 64 | 18" | GE-150 | 208,000 | 6.650,74 |
| 5608A 28 61 | 20" | GE-210 | 255,000 | 7.929,96 |

OPCIONALES PARA ACTUADORES ELÉCTRICOS

OPTIONAL FOR ELECTRIC ACTUATOR



Bloque de seguridad para actuadores eléctricos monofásicos
Safety block system for electric single-phase actuators

Posicionador digital para actuadores eléctricos monofásicos y trifásicos
Digital positioner for electric single-phase and three-phase actuators

OPCIONALES PARA ACTUADORES ELÉCTRICOS

OPTIONAL FOR ELECTRIC ACTUATOR



Actuador eléctrico con unidad de mando local
Electric actuator with local control unit

Actuador eléctrico con unidad de mando local
+ Indicador de señal local
+ Control infrarrojo
*Electric actuator with local control unit
+ LCD signal indication
+ Infrared*



4

FITTINGS INOXIDABLES STAINLESS STEEL FITTINGS

Fitting inoxidable Clase 150 que cumple la Norma ISO 4144, en lo que respecta a la gama básica, dimensiones, espesores y pesos. Y rácores con bicono acero inoxidable.

Stainless steel fitting 150 Class in compliance with ISO 4144, regarding the basic range, measurements, thicknesses and weights. And stainless steel compression fitting.



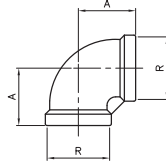
Ref. 0090 - 0090N



Codo 90° H-H
También disponible con rosca NPT (Ref. 0090N)

90° elbow F-F
Also available with NPT thread (Ref. 0090N)

| Med (R) | A |
|---------|----|
| 1/4" | 19 |
| 3/8" | 23 |
| 1/2" | 27 |
| 3/4" | 32 |
| 1" | 38 |
| 1 1/4" | 45 |
| 1 1/2" | 48 |
| 2" | 57 |
| 2 1/2" | 69 |
| 3" | 78 |
| 4" | 96 |



| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|-------------|-------------|----------------------|--------------|
| 0090 02 | 1/4" | 15 | 2,09 |
| 0090 03 | 3/8" | 15 | 2,75 |
| 0090 04 | 1/2" | 25 | 2,85 |
| 0090 05 | 3/4" | 20 | 4,37 |
| 0090 06 | 1" | 15 | 5,60 |
| 0090 07 | 1 1/4" | 5 | 9,40 |
| 0090 08 | 1 1/2" | 5 | 11,64 |
| 0090 09 | 2" | 4 | 17,18 |
| 0090 10 | 2 1/2" | 1 | 33,69 |
| 0090 11 | 3" | 1 | 46,12 |
| 0090 12 | 4" | 1 | 91,84 |

Precios rosca NPT a consultar / NPT thread prices on request

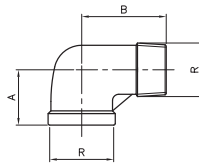
Ref. 0092 - 0092N



Codo 90° M-H
También disponible con rosca NPT (Ref. 0092N)

90° elbow M-F
Also available with NPT thread (Ref. 0092N)

| Med (R) | A | B |
|---------|----|-----|
| 1/4" | 19 | 27 |
| 3/8" | 23 | 29 |
| 1/2" | 27 | 35 |
| 3/4" | 32 | 40 |
| 1" | 38 | 46 |
| 1 1/4" | 45 | 54 |
| 1 1/2" | 48 | 57 |
| 2" | 57 | 70 |
| 2 1/2" | 69 | 83 |
| 3" | 78 | 94 |
| 4" | 96 | 115 |



| | | | |
|---------|--------|----|--------|
| 0092 02 | 1/4" | 10 | 3,05 |
| 0092 03 | 3/8" | 10 | 3,18 |
| 0092 04 | 1/2" | 15 | 3,78 |
| 0092 05 | 3/4" | 10 | 5,13 |
| 0092 06 | 1" | 10 | 7,61 |
| 0092 07 | 1 1/4" | 5 | 13,32 |
| 0092 08 | 1 1/2" | 5 | 16,84 |
| 0092 09 | 2" | 2 | 24,82 |
| 0092 10 | 2 1/2" | 1 | 45,61 |
| 0092 11 | 3" | 1 | 60,09 |
| 0092 12 | 4" | 1 | 107,31 |

Precios rosca NPT a consultar / NPT thread prices on request

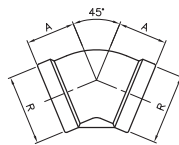
Ref. 0120 - 0120N



Codo 45° H-H
También disponible con rosca NPT (Ref. 0120N)

45° elbow F-F
Also available with NPT thread (Ref. 0120N)

| Med (R) | A |
|---------|----|
| 1/4" | 17 |
| 3/8" | 19 |
| 1/2" | 21 |
| 3/4" | 25 |
| 1" | 29 |
| 1 1/4" | 33 |
| 1 1/2" | 37 |
| 2" | 42 |
| 2 1/2" | 49 |



| | | | |
|---------|--------|----|-------|
| 0120 02 | 1/4" | 5 | 2,85 |
| 0120 03 | 3/8" | 5 | 3,12 |
| 0120 04 | 1/2" | 15 | 3,52 |
| 0120 05 | 3/4" | 10 | 4,83 |
| 0120 06 | 1" | 10 | 6,04 |
| 0120 07 | 1 1/4" | 5 | 9,77 |
| 0120 08 | 1 1/2" | 5 | 12,84 |
| 0120 09 | 2" | 2 | 17,51 |
| 0120 10 | 2 1/2" | 1 | 33,87 |

Precios rosca NPT a consultar / NPT thread prices on request

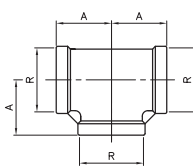
Ref. 0130 - 0130N



Te igual H
También disponible con rosca NPT (Ref. 0130N)

Equal tee F
Also available with NPT thread (Ref. 0130N)

| Med (R) | A |
|---------|----|
| 1/4" | 19 |
| 3/8" | 23 |
| 1/2" | 27 |
| 3/4" | 32 |
| 1" | 38 |
| 1 1/4" | 45 |
| 1 1/2" | 48 |
| 2" | 57 |
| 2 1/2" | 69 |
| 3" | 78 |
| 4" | 96 |



| | | | |
|---------|--------|----|--------|
| 0130 02 | 1/4" | 10 | 3,19 |
| 0130 03 | 3/8" | 10 | 4,35 |
| 0130 04 | 1/2" | 25 | 4,05 |
| 0130 05 | 3/4" | 20 | 5,61 |
| 0130 06 | 1" | 15 | 7,43 |
| 0130 07 | 1 1/4" | 5 | 12,58 |
| 0130 08 | 1 1/2" | 5 | 14,86 |
| 0130 09 | 2" | 4 | 21,71 |
| 0130 10 | 2 1/2" | 1 | 51,07 |
| 0130 11 | 3" | 1 | 69,77 |
| 0130 12 | 4" | 1 | 124,21 |

Precios rosca NPT a consultar / NPT thread prices on request

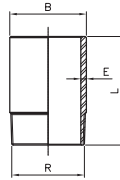
Ref. 0149

• **Entronque soldar-M**



Welding-M nipple

| Med (R) | B | E | L |
|---------|-------|------|----|
| 1/4" | 13,7 | 2,24 | 30 |
| 3/8" | 17,1 | 2,31 | 30 |
| 1/2" | 21,3 | 2,77 | 35 |
| 3/4" | 26,7 | 2,87 | 40 |
| 1" | 33,4 | 3,38 | 40 |
| 1 1/4" | 42,2 | 3,56 | 50 |
| 1 1/2" | 48,3 | 3,68 | 50 |
| 2" | 60,3 | 3,91 | 50 |
| 2 1/2" | 76,1 | 5,16 | 60 |
| 3" | 88,9 | 5,49 | 70 |
| 4" | 114,3 | 6,02 | 80 |



| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|-------------|-------------|----------------------|--------------|
| 0149 02 | 1/4" | 10 | 1,50 |
| 0149 03 | 3/8" | 10 | 1,62 |
| 0149 04 | 1/2" | 25 | 2,80 |
| 0149 05 | 3/4" | 20 | 3,47 |
| 0149 06 | 1" | 10 | 4,59 |
| 0149 07 | 1 1/4" | 5 | 6,57 |
| 0149 08 | 1 1/2" | 5 | 7,83 |
| 0149 09 | 2" | 2 | 10,07 |
| 0149 10 | 2 1/2" | 1 | 18,47 |
| 0149 11 | 3" | 1 | 27,87 |
| 0149 12 | 4" | 1 | 42,60 |

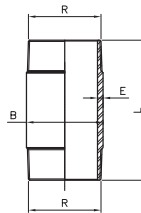
Ref. 0150

• **Entronque macho-macho**



Longipple male-male

| Med (R) | B | E | L |
|---------|-------|------|-----|
| 1/4" | 13,7 | 2,24 | 40 |
| 3/8" | 17,1 | 2,31 | 40 |
| 1/2" | 21,3 | 2,77 | 60 |
| 3/4" | 26,7 | 2,87 | 60 |
| 1" | 33,4 | 3,38 | 60 |
| 1 1/4" | 42,2 | 3,56 | 80 |
| 1 1/2" | 48,3 | 3,68 | 80 |
| 2" | 60,3 | 3,91 | 100 |
| 2 1/2" | 76,1 | 5,16 | 100 |
| 3" | 88,9 | 5,49 | 120 |
| 4" | 114,3 | 6,02 | 150 |



| | | | |
|-------------|--------|----|-------|
| 0150 02 040 | 1/4" | 5 | 2,28 |
| 0150 03 040 | 3/8" | 5 | 2,54 |
| 0150 04 060 | 1/2" | 10 | 4,28 |
| 0150 05 060 | 3/4" | 10 | 5,10 |
| 0150 06 060 | 1" | 10 | 7,05 |
| 0150 07 080 | 1 1/4" | 5 | 10,62 |
| 0150 08 080 | 1 1/2" | 5 | 14,13 |
| 0150 09 100 | 2" | 2 | 18,98 |
| 0150 10 100 | 2 1/2" | 1 | 32,60 |
| 0150 11 120 | 3" | 1 | 51,39 |
| 0150 12 150 | 4" | 1 | 79,45 |

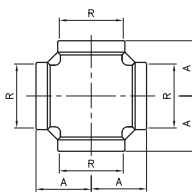
Ref. 0180 - 0180N

• **Cruz**
También disponible con rosca NPT (Ref. 0180N)



Cross
Also available with NPT thread (Ref. 0180N)

| Med (R) | A |
|---------|----|
| 1/4" | 19 |
| 3/8" | 23 |
| 1/2" | 27 |
| 3/4" | 32 |
| 1" | 38 |
| 1 1/4" | 45 |
| 1 1/2" | 48 |
| 2" | 57 |



| | | | |
|---------|--------|----|-------|
| 0180 02 | 1/4" | 5 | 5,19 |
| 0180 03 | 3/8" | 5 | 5,81 |
| 0180 04 | 1/2" | 10 | 6,37 |
| 0180 05 | 3/4" | 10 | 9,09 |
| 0180 06 | 1" | 5 | 11,77 |
| 0180 07 | 1 1/4" | 5 | 18,93 |
| 0180 08 | 1 1/2" | 5 | 22,11 |
| 0180 09 | 2" | 2 | 34,36 |

Precios rosca NPT a consultar / NPT thread prices on request

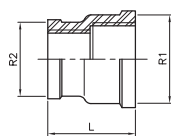
Ref. 0240 - 0240N

• **Manguito reducción**
También disponible con rosca NPT (Ref. 0240N)



Reducing socket
Also available with NPT thread (Ref. 0240N)

| Med (R1xR2) | A |
|---------------|----|
| 1/4"x1/8" | 10 |
| 3/8"x1/4" | 10 |
| 1/2"x1/4" | 15 |
| 1/2"x3/8" | 15 |
| 3/4"x1/2" | 10 |
| 1"x3/4" | 5 |
| 1 1/4"x1" | 5 |
| 1 1/2"x1" | 5 |
| 1 1/2"x1 1/4" | 5 |
| 2"x1 1/2" | 2 |
| 2 1/2"x2" | 1 |



| | | | |
|------------|---------------|----|-------|
| 0240 02 01 | 1/4"x1/8" | 10 | 2,08 |
| 0240 03 02 | 3/8"x1/4" | 10 | 3,02 |
| 0240 04 02 | 1/2"x1/4" | 15 | 3,32 |
| 0240 04 03 | 1/2"x3/8" | 15 | 3,32 |
| 0240 05 04 | 3/4"x1/2" | 10 | 4,39 |
| 0240 06 05 | 1"x3/4" | 5 | 6,73 |
| 0240 07 06 | 1 1/4"x1" | 5 | 10,24 |
| 0240 08 06 | 1 1/2"x1" | 5 | 13,07 |
| 0240 08 07 | 1 1/2"x1 1/4" | 5 | 13,07 |
| 0240 09 08 | 2"x1 1/2" | 2 | 19,00 |
| 0240 10 09 | 2 1/2"x2" | 1 | 30,40 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 0241 - 0241N



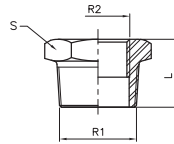
Reducción

También disponible con rosca NPT (Ref. 0241N)

Reducing socket

Also available with NPT thread (Ref. 0241N)

| Med (R1xR2) | L | S |
|----------------|------|----|
| 1/4"x1/8" | 14,5 | 15 |
| 3/8"x1/4" | 16 | 18 |
| 1/2"x1/4" | 19,5 | 23 |
| 1/2"x3/8" | 19,5 | 23 |
| 3/4"x3/8" | 21 | 28 |
| 3/4"x1/2" | 21 | 28 |
| 1"x1/2" | 24 | 35 |
| 1"x3/4" | 24 | 35 |
| 1 1/4"x3/4" | 27 | 44 |
| 1 1/4"x1" | 27 | 44 |
| 1 1/2"x1" | 27 | 50 |
| 1 1/2"x 1 1/4" | 27 | 50 |
| 2"x1" | 32 | 62 |
| 2"x 1 1/4" | 32 | 62 |
| 2"x 1 1/2" | 32 | 62 |
| 2 1/2"x2" | 34 | 77 |
| 3"x 2 1/2" | 37,5 | 90 |



| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|----------------|----------------|-------------------------|-----------------|
|----------------|----------------|-------------------------|-----------------|

| | | | |
|------------|----------------|----|-------|
| 0241 02 01 | 1/4"x1/8" | 10 | 1,57 |
| 0241 03 02 | 3/8"x1/4" | 10 | 1,81 |
| 0241 04 02 | 1/2"x1/4" | 15 | 2,03 |
| 0241 04 03 | 1/2"x3/8" | 15 | 2,03 |
| 0241 05 03 | 3/4"x3/8" | 15 | 2,76 |
| 0241 05 04 | 3/4"x1/2" | 15 | 2,76 |
| 0241 06 04 | 1"x1/2" | 10 | 3,98 |
| 0241 06 05 | 1"x3/4" | 10 | 3,98 |
| 0241 07 05 | 1 1/4"x3/4" | 5 | 6,61 |
| 0241 07 06 | 1 1/4"x1" | 5 | 6,61 |
| 0241 08 06 | 1 1/2"x1" | 5 | 8,07 |
| 0241 08 07 | 1 1/2"x 1 1/4" | 5 | 8,07 |
| 0241 09 06 | 2"x1" | 2 | 12,91 |
| 0241 09 07 | 2"x 1 1/4" | 2 | 12,91 |
| 0241 09 08 | 2"x 1 1/2" | 2 | 12,91 |
| 0241 10 09 | 2 1/2"x2" | 1 | 20,80 |
| 0241 11 10 | 3"x 2 1/2" | 1 | 27,75 |

Precios rosca NPT a consultar / NPT thread prices on request

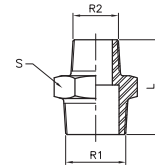
Ref. 0245



Machón reducido

Reducing nipple

| Med (R1xR2) | L | S |
|----------------|------|----|
| 1/4"x1/8" | 22,5 | 15 |
| 3/8"x1/4" | 26,5 | 18 |
| 1/2"x1/4" | 30 | 23 |
| 1/2"x3/8" | 30,5 | 23 |
| 3/4"x1/2" | 35,5 | 28 |
| 1" X 1/2" | 38,5 | 35 |
| 1"x3/4" | 39,5 | 35 |
| 1 1/4"x3/4" | 42,5 | 44 |
| 1 1/4"x 1" | 45 | 44 |
| 1 1/2"x1" | 45 | 50 |
| 1 1/2"x 1 1/4" | 47,5 | 50 |
| 2"x 1 1/4" | 52,5 | 62 |
| 2" x 1 1/2" | 52,5 | 62 |



| | | | |
|------------|----------------|----|-------|
| 0245 02 01 | 1/4"x1/8" | 10 | 2,31 |
| 0245 03 02 | 3/8"x1/4" | 10 | 2,72 |
| 0245 04 02 | 1/2"x1/4" | 15 | 3,60 |
| 0245 04 03 | 1/2"x3/8" | 15 | 3,60 |
| 0245 05 04 | 3/4"x1/2" | 10 | 4,53 |
| 0245 06 04 | 1" X 1/2" | 10 | 6,69 |
| 0245 06 05 | 1"x3/4" | 10 | 6,69 |
| 0245 07 05 | 1 1/4"x3/4" | 5 | 8,82 |
| 0245 07 06 | 1 1/4"X 1" | 5 | 8,82 |
| 0245 08 06 | 1 1/2"X1" | 5 | 11,39 |
| 0245 08 07 | 1 1/2"X 1 1/4" | 5 | 11,39 |
| 0245 09 07 | 2"x 1 1/4" | 2 | 15,73 |
| 0245 09 08 | 2" x 1 1/2" | 2 | 15,73 |

Ref. 0270 - 0270N



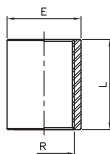
Manguito liso H-H

También disponible con rosca NPT (Ref. 0270N)

Socket F-F

Also available with NPT thread (Ref. 0270N)

| Med (R) | E | L |
|---------|------|----|
| 1/4" | 16,5 | 24 |
| 3/8" | 20 | 25 |
| 1/2" | 24,5 | 32 |
| 3/4" | 30 | 35 |
| 1" | 37,5 | 41 |
| 1 1/4" | 46,5 | 45 |
| 1 1/2" | 53 | 45 |
| 2" | 65,5 | 54 |
| 2 1/2" | 82 | 63 |
| 3" | 95,5 | 69 |



| | | | |
|---------|--------|----|-------|
| 0270 02 | 1/4" | 15 | 1,84 |
| 0270 03 | 3/8" | 15 | 2,18 |
| 0270 04 | 1/2" | 25 | 2,88 |
| 0270 05 | 3/4" | 20 | 3,77 |
| 0270 06 | 1" | 15 | 5,34 |
| 0270 07 | 1 1/4" | 5 | 8,03 |
| 0270 08 | 1 1/2" | 5 | 9,78 |
| 0270 09 | 2" | 4 | 14,67 |
| 0270 10 | 2 1/2" | 1 | 22,31 |
| 0270 11 | 3" | 1 | 30,61 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 0280 - 0280N



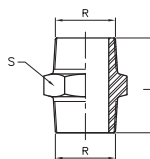
Machón

También disponible con rosca NPT (Ref. 0280N)

Nipple

Also available with NPT thread (Ref. 0280N)

| Med (R) | L | S |
|---------|------|----|
| 1/4" | 25 | 15 |
| 3/8" | 27 | 18 |
| 1/2" | 34 | 23 |
| 3/4" | 36,5 | 28 |
| 1" | 42 | 35 |
| 1 1/4" | 47,5 | 44 |
| 1 1/2" | 47,5 | 50 |
| 2" | 57 | 62 |
| 2 1/2" | 61 | 77 |
| 3" | 67,5 | 90 |



| | | | |
|---------|--------|----|-------|
| 0280 02 | 1/4" | 25 | 2,20 |
| 0280 03 | 3/8" | 25 | 2,58 |
| 0280 04 | 1/2" | 25 | 2,78 |
| 0280 05 | 3/4" | 20 | 3,91 |
| 0280 06 | 1" | 15 | 4,57 |
| 0280 07 | 1 1/4" | 5 | 8,93 |
| 0280 08 | 1 1/2" | 5 | 10,15 |
| 0280 09 | 2" | 4 | 14,34 |
| 0280 10 | 2 1/2" | 1 | 22,87 |
| 0280 11 | 3" | 1 | 34,02 |

Precios rosca NPT a consultar / NPT thread prices on request

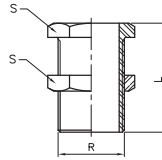
Ref. 0285



Racor pasamuros
(Rosca ISO 228/1)

Wall connector
(ISO 228/1 thread)

| Med (R) | L | S |
|---------|----|----|
| 3/8" | 46 | 27 |
| 1/2" | 57 | 32 |
| 3/4" | 57 | 36 |
| 1" | 69 | 46 |
| 1 1/4" | 69 | 55 |
| 1 1/2" | 70 | 60 |
| 2" | 82 | 75 |



| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|----------------|----------------|-------------------------|-----------------|
| 0285 03 | 3/8" | 10 | 15,41 |
| 0285 04 | 1/2" | 10 | 16,42 |
| 0285 05 | 3/4" | 10 | 19,01 |
| 0285 06 | 1" | 10 | 21,46 |
| 0285 07 | 1 1/4" | 5 | 25,31 |
| 0285 08 | 1 1/2" | 5 | 29,92 |
| 0285 09 | 2" | 2 | 39,92 |

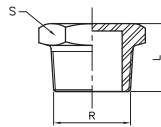
Ref. 0290 - 0290N



Tapón
También disponible con rosca NPT (Ref. 0290N)

Plug
Also available with NPT thread (Ref. 0290N)

| Med (R) | L | S |
|---------|------|----|
| 1/4" | 14,5 | 15 |
| 3/8" | 16 | 18 |
| 1/2" | 19,5 | 23 |
| 3/4" | 21 | 28 |
| 1" | 24 | 35 |
| 1 1/4" | 27 | 44 |
| 1 1/2" | 27 | 50 |
| 2" | 32 | 62 |
| 2 1/2" | 34 | 77 |
| 3" | 37,5 | 90 |



| | | | |
|---------|--------|----|-------|
| 0290 02 | 1/4" | 10 | 1,51 |
| 0290 03 | 3/8" | 10 | 1,65 |
| 0290 04 | 1/2" | 15 | 1,77 |
| 0290 05 | 3/4" | 10 | 2,85 |
| 0290 06 | 1" | 10 | 4,36 |
| 0290 07 | 1 1/4" | 5 | 6,69 |
| 0290 08 | 1 1/2" | 5 | 7,31 |
| 0290 09 | 2" | 2 | 12,03 |
| 0290 10 | 2 1/2" | 1 | 23,10 |
| 0290 11 | 3" | 1 | 28,33 |

Precios rosca NPT a consultar / NPT thread prices on request

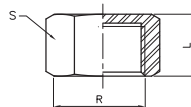
Ref. 0300



Tapa
También disponible con rosca NPT (Ref. 0300N)

Cap
Also available with NPT thread (Ref. 0300N)

| Med (R) | L | S |
|---------|------|-----|
| 1/4" | 16 | 18 |
| 3/8" | 16,5 | 20 |
| 1/2" | 21 | 25 |
| 3/4" | 22,5 | 30 |
| 1" | 26 | 38 |
| 1 1/4" | 29 | 47 |
| 1 1/2" | 29 | 53 |
| 2" | 33,5 | 66 |
| 2 1/2" | 38,5 | 82 |
| 3" | 42 | 96 |
| 4" | 48,5 | 122 |



| | | | |
|---------|--------|----|-------|
| 0300 02 | 1/4" | 10 | 1,65 |
| 0300 03 | 3/8" | 10 | 1,80 |
| 0300 04 | 1/2" | 15 | 2,14 |
| 0300 05 | 3/4" | 10 | 2,83 |
| 0300 06 | 1" | 5 | 3,93 |
| 0300 07 | 1 1/4" | 5 | 7,37 |
| 0300 08 | 1 1/2" | 5 | 9,10 |
| 0300 09 | 2" | 2 | 13,91 |
| 0300 10 | 2 1/2" | 1 | 25,76 |
| 0300 11 | 3" | 1 | 33,80 |
| 0300 12 | 4" | 1 | 52,20 |

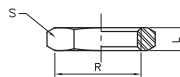
Ref. 0312



Tuerca

Nut

| Med (R) | L | S |
|---------|----|----|
| 1/4" | 7 | 18 |
| 3/8" | 7 | 24 |
| 1/2" | 8 | 30 |
| 3/4" | 9 | 34 |
| 1" | 9 | 43 |
| 1 1/4" | 11 | 52 |
| 1 1/2" | 12 | 58 |
| 2" | 13 | 72 |



| | | | |
|---------|--------|----|------|
| 0312 02 | 1/4" | 5 | 1,52 |
| 0312 03 | 3/8" | 5 | 1,98 |
| 0312 04 | 1/2" | 15 | 2,07 |
| 0312 05 | 3/4" | 10 | 2,58 |
| 0312 06 | 1" | 10 | 3,26 |
| 0312 07 | 1 1/4" | 5 | 4,19 |
| 0312 08 | 1 1/2" | 5 | 4,92 |
| 0312 09 | 2" | 2 | 7,49 |

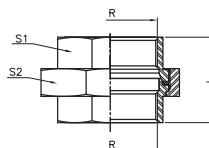
Ref. 0340 - 0340N



Enlace 3 piezas H-H
También disponible con rosca NPT (Ref. 0340N)

Union 3 pieces F-F
Also available with NPT thread (Ref. 0340N)

| Med (R) | L | S1 | S2 |
|---------|------|----|-----|
| 1/4" | 33,5 | 17 | 29 |
| 3/8" | 36,5 | 20 | 34 |
| 1/2" | 39,5 | 25 | 39 |
| 3/4" | 42,5 | 30 | 47 |
| 1" | 50 | 38 | 58 |
| 1 1/4" | 54 | 47 | 67 |
| 1 1/2" | 58 | 53 | 76 |
| 2" | 65 | 66 | 90 |
| 2 1/2" | 75 | 82 | 109 |
| 3" | 83 | 96 | 123 |



| | | | |
|---------|--------|----|-------|
| 0340 02 | 1/4" | 5 | 7,92 |
| 0340 03 | 3/8" | 5 | 9,34 |
| 0340 04 | 1/2" | 15 | 9,87 |
| 0340 05 | 3/4" | 10 | 11,58 |
| 0340 06 | 1" | 10 | 17,44 |
| 0340 07 | 1 1/4" | 5 | 26,77 |
| 0340 08 | 1 1/2" | 5 | 34,62 |
| 0340 09 | 2" | 2 | 44,94 |
| 0340 10 | 2 1/2" | 1 | 75,38 |
| 0340 11 | 3" | 1 | 93,85 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 0341 - 0341N



Enlace 3 piezas M-H
También disponible con rosca NPT (Ref. 0341N)

Union 3 pieces M-F
Also available with NPT thread (Ref. 0341N)

| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|-------------|-------------|----------------------|--------------|
| 0341 02 | 1/4" | 5 | 9,89 |
| 0341 03 | 3/8" | 5 | 10,73 |
| 0341 04 | 1/2" | 10 | 11,52 |
| 0341 05 | 3/4" | 10 | 13,65 |
| 0341 06 | 1" | 10 | 20,47 |
| 0341 07 | 1 1/4" | 5 | 31,37 |
| 0341 08 | 1 1/2" | 5 | 41,71 |
| 0341 09 | 2" | 2 | 53,30 |
| 0341 10 | 2 1/2" | 1 | 88,57 |
| 0341 11 | 3" | 1 | 110,28 |

Precios rosca NPT a consultar / NPT thread prices on request

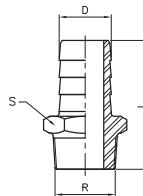
Ref. 0399 - 0399N



Entronque manguera
También disponible con rosca NPT (Ref. 0399N)

Hose nipple
Also available with NPT thread (Ref. 0399N)

| Med (R) | L | D | S |
|---------|-------|------|----|
| 1/4" | 42,5 | 9 | 15 |
| 3/8" | 49 | 11,5 | 18 |
| 1/2" | 57,5 | 15 | 22 |
| 3/4" | 66 | 20 | 28 |
| 1" | 76 | 27 | 35 |
| 1 1/4" | 79 | 33 | 44 |
| 1 1/2" | 83 | 39,5 | 50 |
| 2" | 92 | 52 | 62 |
| 2 1/2" | 99 | 67 | 78 |
| 3" | 107,5 | 80 | 91 |



| | | | |
|---------|--------|----|-------|
| 0399 02 | 1/4" | 10 | 2,71 |
| 0399 03 | 3/8" | 10 | 3,51 |
| 0399 04 | 1/2" | 15 | 4,18 |
| 0399 05 | 3/4" | 10 | 6,50 |
| 0399 06 | 1" | 10 | 8,76 |
| 0399 07 | 1 1/4" | 5 | 12,06 |
| 0399 08 | 1 1/2" | 5 | 15,30 |
| 0399 09 | 2" | 2 | 23,30 |
| 0399 10 | 2 1/2" | 2 | 37,90 |
| 0399 11 | 3" | 1 | 48,94 |

Precios rosca NPT a consultar / NPT thread prices on request

Ref. 0090E

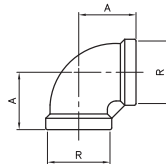
NOVEDAD NEW



Codo 90° H-H
Material: AISI 304

90° elbow F-F
Material: AISI 304

| Med (R) | A |
|---------|----|
| 1/2" | 27 |
| 3/4" | 32 |
| 1" | 38 |



| | | | |
|----------|------|---|------|
| 0090E 04 | 1/2" | - | 2,51 |
| 0090E 05 | 3/4" | - | 3,84 |
| 0090E 06 | 1" | - | 4,93 |

Ref. 0130E

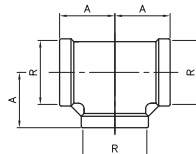
NOVEDAD NEW



Te igual H
Material: AISI 304

Equal tee F
Material: AISI 304

| Med (R) | A |
|---------|----|
| 1/2" | 27 |
| 3/4" | 32 |
| 1" | 38 |



| | | | |
|----------|------|---|------|
| 0130E 04 | 1/2" | - | 3,57 |
| 0130E 05 | 3/4" | - | 4,93 |
| 0130E 06 | 1" | - | 6,54 |

Ref. 0270E

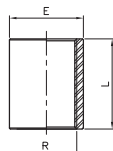
NOVEDAD NEW



Manguito liso H-H
Material: AISI 304

Socket F-F
Material: AISI 304

| Med (R) | E | L |
|---------|------|----|
| 1/2" | 24,5 | 32 |
| 3/4" | 30 | 35 |
| 1" | 37,5 | 41 |



| | | | |
|----------|------|---|------|
| 0270E 04 | 1/2" | - | 2,54 |
| 0270E 05 | 3/4" | - | 3,32 |
| 0270E 06 | 1" | - | 4,70 |

Ref. 0280E

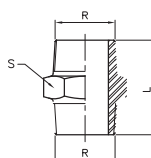
NOVEDAD NEW



Machón
Material: AISI 304

Nipple
Material: AISI 304

| Med (R) | L | S |
|---------|------|----|
| 1/2" | 34 | 23 |
| 3/4" | 36,5 | 28 |
| 1" | 42 | 35 |



| | | | |
|----------|------|---|------|
| 0280E 04 | 1/2" | - | 2,45 |
| 0280E 05 | 3/4" | - | 3,44 |
| 0280E 06 | 1" | - | 4,02 |

Material / Material AISI 316 - Rosca / Thread: ISO 7 R - Rp / NPT ASME B 1.20.1
 Presión máx. de trabajo / Max. Working pressure: 315 bar

Ref. 8401

NOVEDAD
NEW



• Unión Tubo -Tubo (pulgada)
Union Tube -Tube (inch)

| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|----------------|----------------|-------------------------|-----------------|
| 8401 02 02 | 1/4" x 1/4" | - | 17,14 |
| 8401 03 03 | 3/8" x 3/8" | - | 24,33 |
| 8401 04 04 | 1/2" x 1/2" | - | 31,81 |
| 8401 03 02 | 3/8" x 1/4" | - | 22,79 |
| 8401 04 03 | 1/2" x 3/8" | - | 27,69 |
| 8401 04 02 | 1/2" x 1/4" | - | 26,56 |

Ref. 8401D

NOVEDAD
NEW



• Unión Tubo -Tubo (mm)
Union Tube -Tube (mm)

| | | | |
|---------------|--------|---|-------|
| 8401D 006 006 | 6 x 6 | - | 17,14 |
| 8401D 008 008 | 8 x 8 | - | 19,09 |
| 8401D 012 012 | 12x 12 | - | 31,81 |
| 8401D 008 006 | 8 x 6 | - | 19,81 |
| 8401D 012 008 | 12 x 8 | - | 27,39 |
| 8401D 012 006 | 12 x 6 | - | 26,43 |

Ref. 8402

NOVEDAD
NEW



• Codo Tubo -Tubo (pulgada)
Elbow Tube -Tube (inch)

| | | | |
|------------|-------------|---|-------|
| 8402 02 02 | 1/4" x 1/4" | - | 21,59 |
| 8402 03 03 | 3/8" x 3/8" | - | 33,76 |
| 8402 04 04 | 1/2" x 1/2" | - | 43,15 |

Ref. 8402D

NOVEDAD
NEW



• Codo Tubo -Tubo (mm)
Elbow Tube -Tube (mm)

| | | | |
|---------------|--------|---|-------|
| 8402D 006 006 | 6 x 6 | - | 21,56 |
| 8402D 008 008 | 8 x 8 | - | 25,43 |
| 8402D 012 012 | 12x 12 | - | 43,12 |

Ref. 8403

NOVEDAD
NEW



• Te Tubo -Tubo (pulgada)
Tee Tube -Tube (inch)

| | | | |
|------------|-------------|---|-------|
| 8403 02 02 | 1/4" x 1/4" | - | 35,30 |
| 8403 03 03 | 3/8" x 3/8" | - | 45,93 |
| 8403 04 04 | 1/2" x 1/2" | - | 60,84 |

Ref. 8403D

NOVEDAD
NEW



• Te Tubo -Tubo (mm)
Tee Tube -Tube (mm)

| | | | |
|---------------|--------|---|-------|
| 8403D 006 006 | 6 x 6 | - | 35,27 |
| 8403D 008 008 | 8 x 8 | - | 38,15 |
| 8403D 012 012 | 12x 12 | - | 58,61 |

Ref. 8404

NOVEDAD
NEW



Conector Rosca H (BSPP) - Tubo (pulgada)
Connector thread F (BSPP) - Tube (inch)

| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|----------------|----------------|-------------------------|-----------------|
| 8404 02 02 | 1/4" x 1/4" | - | 13,57 |
| 8404 03 03 | 3/8" x 3/8" | - | 23,24 |
| 8404 04 04 | 1/2" x 1/2" | - | 30,44 |
| 8404 03 02 | 3/8" x 1/4" | - | 16,62 |
| 8404 04 03 | 1/2" x 3/8" | - | 27,66 |
| 8404 04 02 | 1/2" x 1/4" | - | 23,82 |

Ref. 8404N

NOVEDAD
NEW



Conector Rosca H (NPT) - Tubo (pulgada)
Connector thread F (NPT) - Tube (inch)

| | | | |
|-------------|-------------|---|-------|
| 8404N 02 02 | 1/4" x 1/4" | - | 13,57 |
| 8404N 03 03 | 3/8" x 3/8" | - | 23,24 |
| 8404N 04 04 | 1/2" x 1/2" | - | 30,44 |
| 8404N 03 02 | 3/8" x 1/4" | - | 16,22 |
| 8404N 04 03 | 1/2" x 3/8" | - | 27,66 |
| 8404N 04 02 | 1/2" x 1/4" | - | 23,82 |

Ref. 8404D

NOVEDAD
NEW



Conector Rosca H (BSPP) - Tubo (mm)
Connector thread F BSPP - Tube (mm)

| | | | |
|--------------|-----------|---|-------|
| 8404D 02 006 | 1/4" x 6 | - | 13,57 |
| 8404D 03 008 | 3/8" x 8 | - | 22,79 |
| 8404D 04 012 | 1/2" x 12 | - | 29,85 |
| 8404D 03 006 | 3/8" x 6 | - | 23,79 |
| 8404D 04 008 | 1/2" x 8 | - | 24,88 |
| 8404D 04 006 | 1/2" x 6 | - | 23,79 |

Ref. 8404ND

NOVEDAD
NEW



Conector Rosca H (NPT) - Tubo (mm)
Connector thread F (NPT) - Tube (mm)

| | | | |
|---------------|-----------|---|-------|
| 8404ND 02 006 | 1/4" x 6 | - | 13,57 |
| 8404ND 03 008 | 3/8" x 8 | - | 19,36 |
| 8404ND 04 012 | 1/2" x 12 | - | 29,85 |
| 8404ND 03 006 | 3/8" x 6 | - | 23,79 |
| 8404ND 04 008 | 1/2" x 8 | - | 24,88 |
| 8404ND 04 006 | 1/2" x 6 | - | 23,79 |

Ref. 8405

NOVEDAD
NEW



Conector Rosca M (BSPT) - Tubo (pulgada)
Connector thread M (BSPT) - Tube (inch)

| | | | |
|------------|-------------|---|-------|
| 8405 02 02 | 1/4" x 1/4" | - | 11,38 |
| 8405 03 03 | 3/8" x 3/8" | - | 15,80 |
| 8405 04 04 | 1/2" x 1/2" | - | 21,59 |
| 8405 03 02 | 3/8" x 1/4" | - | 12,78 |
| 8405 04 03 | 1/2" x 3/8" | - | 20,05 |
| 8405 04 02 | 1/2" x 1/4" | - | 16,66 |

Ref. 8405N

NOVEDAD
NEW



Conector Rosca M (NPT) - Tubo (pulgada)
Connector thread M (NPT) - Tube (inch)

| | | | |
|-------------|-------------|---|-------|
| 8405N 02 02 | 1/4" x 1/4" | - | 11,38 |
| 8405N 03 03 | 3/8" x 3/8" | - | 15,80 |
| 8405N 04 04 | 1/2" x 1/2" | - | 21,59 |
| 8405N 03 02 | 3/8" x 1/4" | - | 12,78 |
| 8405N 04 03 | 1/2" x 3/8" | - | 20,05 |
| 8405N 04 02 | 1/2" x 1/4" | - | 16,66 |

Ref. 8405D

NOVEDAD
NEW



Conector Rosca M (BSPT) - Tubo (mm)
Connector thread M (BSPT) - Tube (mm)

| CÓDIGO CODE | MEDIDA SIZE | UNID. BOLSA UNIT BAG | P.V.P. PRICE |
|----------------|----------------|-------------------------|-----------------|
| 8405D 02 006 | 1/4" x 6 | - | 11,34 |
| 8405D 03 008 | 3/8" x 8 | - | 13,85 |
| 8405D 04 012 | 1/2" x 12 | - | 21,56 |
| 8405D 03 006 | 3/8" x 6 | - | 12,85 |
| 8405D 04 008 | 1/2" x 8 | - | 18,58 |
| 8405D 04 006 | 1/2" x 6 | - | 16,59 |

Ref. 8405ND

NOVEDAD
NEW



Conector Rosca M (NPT) - Tubo (mm)
Connector thread M (NPT) - Tube (mm)

| | | | |
|---------------|-----------|---|-------|
| 8405ND 02 006 | 1/4" x 6 | - | 11,34 |
| 8405ND 03 008 | 3/8" x 8 | - | 13,85 |
| 8405ND 04 012 | 1/2" x 12 | - | 21,56 |
| 8405ND 03 006 | 3/8" x 6 | - | 12,85 |
| 8405ND 04 008 | 1/2" x 8 | - | 18,58 |
| 8405ND 04 006 | 1/2" x 6 | - | 16,59 |

Ref. 8406

NOVEDAD
NEW



Codo Rosca M (BSPT) - Tubo (pulgada)
Elbow thread M (BSPT) - Tube (inch)

| | | | |
|------------|-------------|---|-------|
| 8406 02 02 | 1/4" x 1/4" | - | 16,45 |
| 8406 03 03 | 3/8" x 3/8" | - | 23,99 |
| 8406 04 04 | 1/2" x 1/2" | - | 34,62 |
| 8406 03 02 | 3/8" x 1/4" | - | 21,15 |
| 8406 04 03 | 1/2" x 3/8" | - | 31,81 |
| 8406 04 02 | 1/2" x 1/4" | - | 30,44 |

Ref. 8406N

NOVEDAD
NEW



Codo Rosca M (NPT) - Tubo (pulgada)
Elbow thread M (NPT) - Tube (inch)

| | | | |
|-------------|-------------|---|-------|
| 8406N 02 02 | 1/4" x 1/4" | - | 16,45 |
| 8406N 03 03 | 3/8" x 3/8" | - | 23,99 |
| 8406N 04 04 | 1/2" x 1/2" | - | 34,62 |
| 8406N 03 02 | 3/8" x 1/4" | - | 21,15 |
| 8406N 04 03 | 1/2" x 3/8" | - | 31,81 |
| 8406N 04 02 | 1/2" x 1/4" | - | 30,44 |

Ref. 8406D

NOVEDAD
NEW



Codo Rosca M (BSPT) - Tubo (mm)
Elbow thread M (BSPT) - Tube (mm)

| | | | |
|--------------|-----------|---|-------|
| 8406D 02 006 | 1/4" x 6 | - | 14,40 |
| 8406D 03 008 | 3/8" x 8 | - | 22,14 |
| 8406D 04 012 | 1/2" x 12 | - | 34,55 |
| 8406D 03 006 | 3/8" x 6 | - | 21,15 |
| 8406D 04 008 | 1/2" x 8 | - | 29,03 |
| 8406D 04 006 | 1/2" x 6 | - | 29,03 |

Ref. 8406ND

NOVEDAD
NEW



Codo Rosca M (NPT) - Tubo (mm)
Elbow thread M (NPT) - Tube (mm)

| | | | |
|---------------|-----------|---|-------|
| 8406ND 02 006 | 1/4" x 6 | - | 14,40 |
| 8406ND 03 008 | 3/8" x 8 | - | 22,14 |
| 8406ND 04 012 | 1/2" x 12 | - | 34,55 |
| 8406ND 03 006 | 3/8" x 6 | - | 21,15 |
| 8406ND 04 008 | 1/2" x 8 | - | 29,03 |
| 8406ND 04 006 | 1/2" x 6 | - | 29,03 |



5

INSTRUMENTACIÓN INDUSTRIAL MEASURING

Aparatos y equipos para la medida, control, supervisión y regulación de procesos industriales.

Devices and equipment for the measurement, control, monitoring and regulation of industrial processes.



Ref. 8010



Manómetro de cápsula
 Baja presión (ventómetro)
 D=100 acero inoxidable 304, aro: bayoneta
 Aguja: micrométrica
 Doble escala: inH2O/ mbar
 Entrada inferior 1/2"
 Clase: 1,0
 Visor cristal laminado
 Opcional con glicerina

Pressure Gauge
 Low Pressure (airmeter)
 D= 100 stainless steel 304, ring: bayonet
 Needle: micrometer
 Double scale: inH2O/ mbar
 Bottom entry 1/2"
 Class: 1,0
 Glass laminate sight
 Available optional with glycerine

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|-------------|--------------|-------------------|--------------|
| 8010 025 | 0-25 mbar | 1 | 301,96 |
| 8010 040 | 0-40 mbar | 1 | 301,96 |
| 8010 060 | 0-60 mbar | 1 | 301,96 |
| 8010 100 | 0-100 mbar | 1 | 301,96 |
| 8010 250 | 0-250 mbar | 1 | 301,96 |
| 8010 600 | 0-600 mbar | 1 | 203,26 |

Ref. 8011



Manómetro (vacuómetro)
 D=100 acero inoxidable 304, aro: bayoneta
 Aguja: micrométrica
 Doble escala: psi/ bar
 Entrada inferior 1/2"
 Clase: 1,0
 Visor cristal laminado
 Opcional con glicerina

Pressure Gauge (vacuometer)
 D=100 Stainless Steel 304, ring: bayonet
 Needle: micrometer
 Double scale: psi/ bar
 Bottom entry 1/2"
 Class: 1,0
 Glass laminate sight
 Available optional with glycerine

| | | | |
|----------|---------|---|-------|
| 8011 101 | -1+0bar | 1 | 63,09 |
| 8011 103 | -1+3bar | 1 | 63,09 |

Ref. 8012



Manómetro
 D=100 acero inoxidable 304, aro: bayoneta
 Aguja: micrométrica
 Doble escala: psi/ bar
 Entrada inferior 1/2"
 Clase: 1,0
 Visor cristal laminado
 Opcional con glicerina

Pressure Gauge
 D=100 Stainless Steel 304, ring: bayonet
 Needle: micrometer
 Double scale: psi/ bar
 Bottom entry 1/2"
 Class: 1,0
 Glass laminate sight
 Available optional with glycerine

| | | | |
|----------|-----------|---|-------|
| 8012 001 | 0+1 bar | 1 | 58,24 |
| 8012 002 | 0+2,5 bar | 1 | 58,24 |
| 8012 006 | 0+6 bar | 1 | 58,24 |
| 8012 010 | 0+10 bar | 1 | 58,24 |
| 8012 016 | 0+16 bar | 1 | 58,24 |
| 8012 025 | 0+25 bar | 1 | 58,24 |
| 8012 060 | 0+60 bar | 1 | 58,24 |
| 8012 100 | 0+100 bar | 1 | 58,24 |
| 8012 250 | 0+250 bar | 1 | 58,24 |
| 8012 600 | 0+600 bar | 1 | 58,24 |

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

| | | | |
|---------|---|---|-------|
| 8029 04 | - | 1 | 44,54 |
|---------|---|---|-------|

Ref. 8032 - 8033



Termómetros bimetalicos 63 mm 8032 (posterior)/ 8033 (inferior)
 Material de la vaina: Latón. Dimensiones de la caja: 63 mm.
 Material: acero cincado y plateado. Visor: Cristal.
Longitud bulbo (L): 50 mm.
 Escala: Doble escala °C & °F. Precisión: ±2.5%. Rosca 1/2" G

Bimetalic thermometer 63 mm 8032 (back entry) / 8033 (bottom entry)
 Sheath material: brass. Box dimensions: 63 mm.
 Material: Zinc iron plated. Sight: Glass.
Sheath length (L): 50 mm.
 Double escale °C&°F. Precision: ±2.5%
 Thread 1/2" G

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|-------------|--------------|-------------------|--------------|
| 8032 206 | -20+60°C | 1 | 8,25 |
| 8032 060 | 0+60°C | 1 | 8,25 |
| 8032 120 | 0+120°C | 1 | 8,25 |
| 8033 206 | -20+60°C | 1 | 13,59 |
| 8033 060 | 0+60°C | 1 | 13,59 |
| 8033 120 | 0+120°C | 1 | 13,59 |

Ref. 8034 - 8035



Termómetros bimetalicos 63 mm 8034 (posterior)/ 8035 (inferior)
 Material de la vaina: Latón. Dimensiones de la caja: 63 mm.
 Material: acero cincado y plateado. Visor: Cristal.
Longitud bulbo (L): 100 mm.
 Escala: Doble escala °C & °F. Precisión: ±2.5%. Rosca 1/2" G

Bimetalic thermometer 63 mm 8034 (back entry) / 8035 (bottom entry)
 Sheath material: brass. Box dimensions: 63 mm.
 Material: Zinc iron plated. Sight: Glass.
Sheath length (L): 100 mm.
 Double escale °C&°F. Precision: ±2.5%
 Thread 1/2" G

| | | | |
|----------|----------|---|-------|
| 8034 206 | -20+60°C | 1 | 10,19 |
| 8034 060 | 0+60°C | 1 | 10,19 |
| 8034 120 | 0+120°C | 1 | 10,19 |
| 8035 206 | -20+60°C | 1 | 15,53 |
| 8035 060 | 0+60°C | 1 | 15,53 |
| 8035 120 | 0+120°C | 1 | 15,53 |

Ref. 8036



Termómetros bimetalicos inoxidable. Conexión posterior.
 Dimensiones caja: 100 mm. Material: AISI 304
 Aro: AISI 304, bayoneta. Visor: Cristal.
 Material bulbo: AISI 304.
 Longitud bulbo (L): 100 mm.
 Precisión ±1,6%. Doble escala °C & °F. Rosca 1/2" G (deslizante).

Stainless steel bimetalic thermometer. Back connection.
 Box dimensions: 100 mm. Material: AISI 304.
 Ring: AISI 304, bayonet. Sight: Glass. Sheath material: AISI 304
 Sheath length (L): 100 mm.
 Precision ±1,6%. Double escale °C & °F. Thread 1/2" G (sliding).

| | | | |
|----------|--------|---|-------|
| 8036 206 | -20+60 | 1 | 35,77 |
| 8036 305 | -30+50 | 1 | 35,77 |
| 8036 404 | -40+40 | 1 | 35,77 |
| 8036 060 | 0+60 | 1 | 35,77 |
| 8036 100 | 0+100 | 1 | 35,77 |
| 8036 120 | 0+120 | 1 | 35,77 |
| 8036 160 | 0+160 | 1 | 35,77 |
| 8036 200 | 0+200 | 1 | 35,77 |
| 8036 300 | 0+300 | 1 | 35,77 |

Ref. 8037



Termómetros bimetalicos inoxidable. Conexión inferior.
 Dimensiones caja: 100 mm. Material: AISI 304
 Aro: AISI 304, bayoneta. Visor: Cristal. Material bulbo AISI 304
 Diámetro bulbo 8 mm. Longitud bulbo (L): 100 mm.
 Precisión ±1,6%. Doble escala °C & °F
 Rosca 1/2" G (deslizante).

Stainless steel bimetalic thermometers. Bottom connection.
 Box dimensions: 100 mm. Material: AISI 304
 Ring: AISI 304, bayonet. Sight: Glass. Sheath material: AISI 304
 Sheath diameter: 8 mm. Sheath length (L): 100 mm.
 Precision ±1,6%. Double escale °C & °F
 Thread 1/2" G (sliding).

| | | | |
|----------|--------|---|-------|
| 8037 206 | -20+60 | 1 | 56,29 |
| 8037 305 | -30+50 | 1 | 56,29 |
| 8037 404 | -40+40 | 1 | 56,29 |
| 8037 060 | 0+60 | 1 | 56,29 |
| 8037 100 | 0+100 | 1 | 56,29 |
| 8037 120 | 0+120 | 1 | 56,29 |
| 8037 160 | 0+160 | 1 | 56,29 |
| 8037 200 | 0+200 | 1 | 56,29 |
| 8037 300 | 0+300 | 1 | 56,29 |

Ref. 8039



Termómetros bimetalicos inoxidable. Conexión orientable.
Dimensiones caja: 100 mm. Material caja: acero inoxidable.
Precisión: 1.6. Rango de escalas de -40 + 60°C a 0-300°C.
Diseño vaina con rosca. Conexión 1/2". Presión máx. 25 bar.
Visor de cristal.

Stainless steel bimetalic thermometer. Adjustable connection.
Box dimensions: 100 mm. Case material: stainless steel.
Accuracy class: 1.6. Scale ranges -40 + 60°C to 0 - 300 °C.
Design: stem with thread. Connection: every angle 1/2".
Pressure rating, max in bar of thermowell/ stem: 25. Sight: glass.

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|----------------|-----------------|----------------------|-----------------|
|----------------|-----------------|----------------------|-----------------|

| | | | |
|----------|----------|---|-------|
| 8039 206 | -20 + 60 | 1 | 65,51 |
| 8039 305 | -30 + 50 | 1 | 65,51 |
| 8039 404 | -40 + 40 | 1 | 65,51 |
| 8039 060 | 0 + 60 | 1 | 65,51 |
| 8039 100 | 0 + 100 | 1 | 65,51 |
| 8039 120 | 0 + 120 | 1 | 65,51 |
| 8039 160 | 0 + 160 | 1 | 65,51 |
| 8039 200 | 0 + 200 | 1 | 65,51 |
| 8039 300 | 0 + 300 | 1 | 65,51 |

Ref. 8031



Termómetros bimetalicos.
Termómetro bimetalico de contacto D. 63, con muelle.

Bimetalic thermometer
Contact bimetalic thermometer. D. 63, with spring.

| | | | |
|----------|----------|---|------|
| 8031 060 | 0 + 60 | 1 | 5,60 |
| 8031 120 | 0 + 120 | 1 | 5,60 |
| 8031 206 | -20 + 60 | 1 | 5,60 |
| 8031 404 | -40 + 40 | 1 | 5,60 |

Ref. 8045 - 8046



Termómetro de capilla (8045)
Salida inferior, vaina latón
Longitud=50 mm

Glass thermometers (8045)
Bottom entry, brass sheath
Length= 50 mm

Termómetro de capilla (8046)
Salida inferior, vaina latón
Longitud=100 mm

Glass thermometers (8046)
Bottom entry, brass sheath
Length= 100 mm

| | | | |
|----------|--------|---|-------|
| 8045 404 | -40+40 | 1 | 32,03 |
| 8045 060 | 0+60 | 1 | 32,03 |
| 8045 120 | 0+120 | 1 | 32,03 |

| | | | |
|----------|--------|---|-------|
| 8046 404 | -40+40 | 1 | 42,71 |
| 8046 060 | 0+60 | 1 | 42,71 |
| 8046 120 | 0+120 | 1 | 42,71 |

Ref. 8047 - 8048



Termómetro de capilla (8047)
Salida angular 90°, vaina latón
Longitud=50 mm

Glass thermometers (8047)
90° angle entry, brass sheath
Length= 50 mm

Termómetro de capilla (8048)
Salida angular 90° vaina latón
Longitud=100 mm

Glass thermometers (8048)
90° angle entry, brass sheath
Length= 100 mm

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|----------------|-----------------|----------------------|-----------------|
| 8047 404 | -40+40 | 1 | 33,97 |
| 8047 060 | 0+60 | 1 | 33,97 |
| 8047 120 | 0+120 | 1 | 33,97 |

| | | | |
|----------|--------|---|-------|
| 8048 404 | -40+40 | 1 | 44,65 |
| 8048 060 | 0+60 | 1 | 44,65 |
| 8048 120 | 0+120 | 1 | 44,65 |

Ref. 8050



8050 / 8051 / 8052
Sonda PT100 Rosca=1/2" diámetro= 6 mm
Elemento extraíble encamisado
Cabezal DIN BR roscado. PN 16

8050 / 8051 / 8052
Probe PT100 Thread= 1/2" Diameter= 6 mm
Element removable
Head DIN BR thread. PN 16

8055 / 8056 / 8057
Sonda PT100 Rosca=1/2" diámetro= 6 mm
Elemento extraíble preparada para convertidor en cabezal
Cabezal DIN BR roscado. PN 16

8055 / 8056 / 8057
Probe PT100 Thread= 1/2" Diameter= 6 mm
Element removable prepare for turn into a head
Head DIN BR thread. PN 16

8058 / 8059 / 8060
Sonda PT100 DOBLE R=1/2" diámetro= 6 mm
Elemento extraíble encamisado
Cabezal DIN BR roscado. PN 16

8058 / 8059 / 8060
Probe PT100 Double= 1/2" Diameter= 6 mm
Element removable
Head DIN BR thread. PN 16

| | | | |
|----------|--------|---|-------|
| 8050 100 | 100 mm | 1 | 70,61 |
| 8051 250 | 250 mm | 1 | 75,46 |
| 8052 400 | 400 mm | 1 | 80,32 |

| | | | |
|----------|--------|---|-------|
| 8055 100 | 100 mm | 1 | 62,99 |
| 8056 250 | 250 mm | 1 | 67,84 |
| 8057 400 | 400 mm | 1 | 72,70 |

| | | | |
|----------|--------|---|--------|
| 8058 100 | 100 mm | 1 | 93,08 |
| 8059 250 | 250 mm | 1 | 97,93 |
| 8060 400 | 400 mm | 1 | 102,79 |

Ref. 8063



Sonda PT 100
Diámetro = 6 mm
Longitud= 100 mm. con cable de silicona y muelle.

Probe PT100
Diameter= 6 mm
Length = 100 mm. with silicone and spring wire.

| | | | |
|----------|-----|---|-------|
| 8063 005 | 5mm | 1 | 45,20 |
|----------|-----|---|-------|

Ref. 8090 - 8095



Convertidor de señal para cabezal DIN (8090)

Escala y tipo de entrada completamente programable por PC (Pt100 o Termopar)
Salida 4-20 mA o 20±4 mA.

Converter PT100. Programable head DIN (8090)

Escafe and outlet type completely programable through PC (Pt100 or termopar). Output 4-20mA or 20±4 mA.

Interface y Software para convertidor 8090 (8095)

Interface and software for 8090 converter (8095)

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|-------------|--------------|-------------------|--------------|
|-------------|--------------|-------------------|--------------|

| | | | |
|---------|---|---|--------|
| 8090 00 | - | 1 | 91,67 |
| 8095 00 | - | 1 | 112,16 |

Ref. 8065 - 8066 8067



Relé Estado Sólido (8065)

Control Voltaje: 5-32VDC
Rango de frecuencia: 50/60HZ
Temperatura de trabajo -30°C + 75°C

Solid state relays (8065)

Control voltage 5-32VDC
Frequency range: 47/63HZ

Relé Estado Sólido (8066)

Rango de frecuencia: 50/60HZ
Temperatura de trabajo -30°C + 75°C
Entrada 4-20mA

Solid state relays (8066)

Frequency range: 50/60HZ
Working temperature -30°C + 75°C
Input 4-20mA

Relé Estado Sólido (8067)

Control Voltaje 5-32VDC
Rango de frecuencia: 50/60HZ
Temperatura de trabajo -30°C + 75°C
Montaje rail DIN con disipador

Solid state relays (8067)

Control voltage 5-32VDC
Frequency range: 50/60 HZ
Working temperature -30°C + 75°C

| | | | |
|---------|-----|---|-------|
| 8065 15 | 15A | 1 | 19,41 |
| 8065 25 | 25A | 1 | 22,65 |
| 8065 40 | 40A | 1 | 25,88 |
| 8065 60 | 60A | 1 | 35,05 |
| 8065 80 | 80A | 1 | 43,14 |

| | | | |
|---------|-----|---|-------|
| 8066 15 | 15A | 1 | 48,53 |
| 8066 25 | 25A | 1 | 53,92 |
| 8066 40 | 40A | 1 | 60,39 |

| | | | |
|---------|-----|---|-------|
| 8067 15 | 15A | 1 | 29,66 |
| 8067 25 | 25A | 1 | 35,05 |
| 8067 40 | 40A | 1 | 43,14 |

Ref. 8069



Indicador entrada programable, con 2 relés alarma

72x36 mm. J, K, PT100, 4-20mA

Indicator with a programated entry, with 2 alarm relays
72x36 mm. J,K,PT100, 4-20mA

| | | | |
|---------|---|---|-------|
| 8069 00 | - | 1 | 51,68 |
|---------|---|---|-------|

Ref. 8070



Indicador entrada programable, con 2 relés alarma

48x96 mm. Input universal.
Corriente de alimentación 12 y 24V.
Retransmisión de señal de entrada a 20 4mA.

Indicator with a programated entry, with 2 alarm relays
48x96 mm. Universal input.
12 and 24V. supply.
Input signal transmitter 20 4mA.

| | | | |
|---------|---|---|--------|
| 8070 00 | - | 1 | 104,34 |
|---------|---|---|--------|

Ref. 8071 - 8075
8077



Regulador inp. programable out rele +1 alarmas (8071)
Regulador inp. programable out rele +2 alarmas (8073)
Regulador inp. programable out 4-20mA +2 alarmas (8074)

Regulator inp. Programate out relay + 2 alarms (8071)
Regulator inp. Programate out relay + 2 alarms (8073)
Regulator inp. Programate out 4-20mA + 2 alarms (8074)

Regulador inp programable out rele +2 alarmas (8075)
Regulador inp programable out 4-20mA +2 alarmas (8076)

Regulator inp programated out relay + 2 alarms (8075)
Regulator inp. Programate out 4-20mA + 2 alarms (8076)

Regulador inp programable out rele +2 alarmas (8077)
Regulador inp programable out 4-20mA +2 alarmas (8078)

Regulator inp programated out relay + 2 alarms (8077)
Regulator inp. Programate out 4-20mA + 2 alarms (8078)

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|----------------|-----------------|----------------------|-----------------|
|----------------|-----------------|----------------------|-----------------|

| | | | |
|-----------|-------|---|--------|
| 8071 A24V | 48x48 | 1 | 107,84 |
| 8073 220V | 48x48 | 1 | 108,71 |
| 8074 220V | 48x48 | 1 | 114,53 |

| | | | |
|-----------|-------|---|--------|
| 8075 220V | 96x48 | 1 | 119,58 |
| 8076 220V | 96x48 | 1 | 125,98 |

| | | | |
|-----------|-------|---|--------|
| 8077 220V | 96x96 | 1 | 137,51 |
| 8078 220V | 96x96 | 1 | 144,88 |

Ref. 8080



Transmisor de presión inox
Rosca 1/2"
Salida:4-20mA,
Alimentación:12-36 Vdc
Precisión: 0,5%fs
Conexión eléctrica: DIN 43650A (electroval.4 polos)
Protección: IP65
Libre de aceite

Stainless Steel pressure transmitters
Thread 1/2"
Out: 4-20mA
Supply: 12-36 Vdc
Precision: 0,5%fs
Electric connection: Din 43650A (solenoid 4 poles)
Protection: IP65
Free of oil

| | | | |
|----------|----------|---|--------|
| 8080 101 | -1+1bar | 1 | 194,12 |
| 8080 003 | 0+3bar | 1 | 145,59 |
| 8080 005 | 0+5bar | 1 | 145,59 |
| 8080 010 | 0+10bar | 1 | 145,59 |
| 8080 016 | 0+16bar | 1 | 145,59 |
| 8080 025 | 0+25bar | 1 | 145,59 |
| 8080 050 | 0+50bar | 1 | 145,59 |
| 8080 100 | 0+100bar | 1 | 145,59 |
| 8080 250 | 0+250bar | 1 | 145,59 |
| 8080 500 | 0+500bar | 1 | 145,59 |

Ref. 8081



Transmisor de presión inox mini
Rosca 1/2" G/M
Salida:4-20 mA (2 hilos)
Alimentación:12-28VDC
Conexión eléctrica: conector tipo Hirschman mini
Protección: IP67
Precisión:1%fs
Libre de aceite

Stainless Steel pressure transmitters
Thread 1/2" G/M
Out: 4-20 mA (2 thread)
Supply: 12-28VDC
Electric connection: Type Hirschman mini connector
Protection: IP67
Precision: 1%fs
Free of oil

| | | | |
|----------|----------|---|-------|
| 8081 002 | 0+2bar | 1 | 79,15 |
| 8081 005 | 0+5bar | 1 | 79,15 |
| 8081 007 | 0+7bar | 1 | 79,15 |
| 8081 010 | 0+10bar | 1 | 79,15 |
| 8081 016 | 0+16bar | 1 | 79,15 |
| 8081 025 | 0+25bar | 1 | 79,15 |
| 8081 050 | 0+50bar | 1 | 79,15 |
| 8081 100 | 0+100bar | 1 | 79,15 |
| 8081 250 | 0+250bar | 1 | 79,15 |
| 8081 400 | 0+400bar | 1 | 79,15 |
| 8081 500 | 0+500bar | 1 | 79,15 |

Ref. 8081E



NOVEDAD
NEW

Transmisor de presión inox mini
Rosca 1/4" G/M
Salida:4-20 mA (2 hilos)
Alimentación:12-28VDC
Conexión eléctrica: conector tipo Hirschman mini
Protección: IP67
Precisión:1%fs
Libre de aceite

Stainless Steel pressure transmitters
Thread 1/4" G/M
Out: 4-20 mA (2 thread)
Supply: 12-28VDC
Electric connection: Type Hirschman mini connector
Protection: IP67
Precision: 1%fs
Free of oil

| | | | |
|-----------|----------|---|-------|
| 8081E 025 | 0+25bar | 1 | 71,96 |
| 8081E 250 | 0+250bar | 1 | 71,96 |

Ref. 8180



Transmisor de presión inox
 Rosca 1/2"
 Salida:4-20mA,
 Alimentación:10-30 Vdc
 Precisión: 0,5%fs
 Conexión eléctrica: DIN 43650A (electroval.4 polos)
 Protección: IP65
 Libre de aceite
 ATEX: Ex i a II CT6

Stainless Steel pressure transmitters
 Thread 1/2"
 Out: 4-20mA
 Supply: 10-30 Vdc
 Precision: 0,5%fs
 Electric connection: Din 43650A (solenoid 4 poles)
 Protection: IP65
 Free of oil
 ATEX: Ex i a II CT6

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|----------------|-----------------|----------------------|-----------------|
|----------------|-----------------|----------------------|-----------------|

| | | | |
|----------|----------|---|--------|
| 8180 010 | 0+10bar | 1 | 226,67 |
| 8180 025 | 0+25bar | 1 | 259,20 |
| 8180 060 | 0+60bar | 1 | 259,20 |
| 8180 100 | 0+100bar | 1 | 259,20 |
| 8180 250 | 0+250bar | 1 | 259,20 |

Ref. 8085L

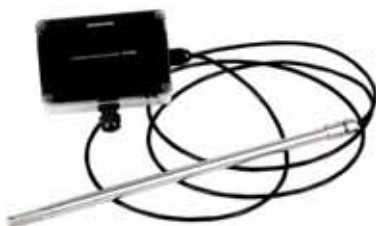


Transmisor de nivel hidrostático
 Transmisor de nivel hidrostático 0,6 bar con 10 metros cable
 Transmisor de nivel hidrostático 1 bar con 20 metros cable
 Transmisor de nivel hidrostático 2 bar con 30 metros cable

Hydrostatic level transmitter
 Hydrostatic level transmitter 0,6 bar with 10 wire meters
 Hydrostatic level transmitter 1 bar with 20 wire meters
 Hydrostatic level transmitter 2 bar with 30 wire meters

| | | | |
|-----------|----|---|--------|
| 8085L 001 | 10 | 1 | 321,32 |
| 8085L 002 | 20 | 1 | 355,15 |
| 8085L 003 | 30 | 1 | 388,97 |

Ref. 8064



Transmisor de humedad/temperatura
 salida 4-20 mA (-50 +200°C)
 con 2 metros de cable
 Disponibilidad a consultar

Humidity/ Temperature Transmitter
 Out 4-20mA (-50+200°C)
 with 2 meters wire
 Availability on request

| | | | |
|----------|-----|---|--------|
| 8064 002 | 2 m | 1 | 938,36 |
|----------|-----|---|--------|

Ref. 8165



Transmisor de humedad/temperatura
 Montaje canal. Escala:-30+70°C
 Salidas:2x 4-20mA. Alimentación 12 - 24Vdc

Humidity/ Temperature Transmitter
 Channel assembling. Escala: -30°+70°C
 Out: 2x 4-20mA. Supply 12- 24 Vdc

| | | | |
|----------|---|---|--------|
| 8165 070 | - | 1 | 375,44 |
|----------|---|---|--------|

Ref. 8215



NOVEDAD
NEW

Termómetro infrarrojo
Amplio rango de medición de -32°C a 300°C.
Puntero laser - Conmutable °F / °C.
Tiempo de respuesta rápido.

Infrared thermometer
With wide measurement of -32°C to 300°C.
Laser pointer - Switchable °F / °C.
Fast response time.

| CÓDIGO CODE | ESCALA SCALE | CAJA / BOX CARTON | P.V.P. PRICE |
|----------------|-----------------|----------------------|-----------------|
| 8215 | - | 1 | 56,72 |

Ref. 8220



NOVEDAD
NEW

Medidor nivel de sonido
Mediciones y lecturas entre 30 y 130 db.
Rango de frecuencia de medición: 31.5Hz - 8 KHz.

Sound Level Meter
Measures and displays 30-130 db level.
Measurement frequency range: 31.5Hz - 8 KHz.

| | | | |
|------|---|---|-------|
| 8220 | - | 1 | 62,54 |
|------|---|---|-------|

Ref. 8225



NOVEDAD
NEW

Anemómetro
Este instrumento lee tanto la velocidad del aire y la temperatura de forma simultánea cuando se equilibra el sistema aire - acondicionado / calefacción, ventilación

Mini Anemometer
This instrument reads both air velocity and temperature simultaneously when balancing air - conditioning / heating ventilation systems.

| | | | |
|------|---|---|-------|
| 8225 | - | 1 | 86,82 |
|------|---|---|-------|

Ref. 8230



NOVEDAD
NEW

Pinza Amperimétrica
Voltage CA / CC: 600V Rango máximo.
Corriente CA: 400A rango máximo.
Resistencia máxima: 40MΩ. Indicador de batería baja y función cero.

Clamp Meter
Voltage AC / DC: 600V Max. Range.
Resistance (max Range): 40MΩ.
Current AC: 400A Max. Range.
Low battery indication and zero function.

| | | | |
|------|---|---|-------|
| 8230 | - | 1 | 60,78 |
|------|---|---|-------|

Ref. 8235



NOVEDAD
NEW

Medidor de humedad y Temperatura
Tiempo de respuesta rápida. Apagado automático.
Rango de medición: Humedad 0% -100% HR.
Temperatura: -20°C / 80°C.

Humidity and temperature meter
Fast response time. Auto power off.
Measurement range: Humidity 0% - 100% HR.
Temperature: -20°C / 80°C.

| | | | |
|------|---|---|-------|
| 8235 | - | 1 | 91,46 |
|------|---|---|-------|

RECAMBIOS PARA VÁLVULAS DE ESFERA

SPARE PARTS FOR BALL VALVES

| REF. VÁLVULA VALVE REFERENCE | ASIENTOS SEAT PTFE | ASIENTOS SEAT PTFE + F.V | ASIENTOS SEAT PTFE + GRAFITO | ASIENTOS SEAT PTFE + INOXIDABLE | ESFERA BALL | EJE STEM |
|---------------------------------|-----------------------|-----------------------------|------------------------------------|---------------------------------------|----------------|-------------|
| 2015 | ** | ** | ** | ** | ** | ** |
| 2025-26-27 | ** | ** | ** | ** | ** | ** |
| 2034 | | ** | ** | | | |
| 2040 | | ** | | | ** | |
| 2041 | | ** | | | ** | |
| 2052-53 | ** | ** | ** | ** | ** | ** |
| 2105 | | ** | ** | | ** | |
| 2110 | | ** | ** | | ** | |
| 2115 | | ** | ** | | ** | |
| 2116 | | ** | ** | | ** | |
| 2118 | | ** | | | ** | ** |
| 2525 | | ** | | | | |
| 2526A | | ** | ** | | ** | ** |
| 2528 | | ** | ** | | ** | ** |
| 2528A | | ** | ** | | ** | ** |
| 2529 | | ** | | | ** | |
| 2540 | | ** | ** | | ** | |
| 2541 | | ** | ** | | ** | |
| 2933 | ** | | | | | |

ELASTÓMETROS PARA VÁLVULAS MARIPOSA
SEAT FOR BUTTERFLY VALVES

MEMBRANA PARA VÁLVULAS DIAFRAGMA
DIAPHRAGM VALVE

| REF. VÁLVULA VALVE REFERENCE | MATERIAL EPDM | MATERIAL NBR | MATERIAL VITON | MATERIAL PTFE |
|---------------------------------|------------------|-----------------|-------------------|------------------|
| 2103 | ** | ** | | |
| 2104 | | | | ** |
| 2108 | | ** | ** | |
| 2108A | | ** | | |
| 2109 | | ** | | |
| 2940 | ** | | ** | |
| 2941 | | ** | ** | |
| 2942 | | ** | ** | |
| 2943 | | ** | ** | |

| REF. VÁLVULA VALVE REFERENCE | MATERIAL EPDM | MATERIAL SILICONA | MATERIAL EPDM + PTFE |
|---------------------------------|------------------|----------------------|-------------------------|
| 2945 | ** | ** | ** |
| 2946 | ** | ** | ** |

RECAMBIOS PARA ACTUADORES NEUMÁTICOS
SPARE PARTS FOR PNEUMATIC ACTUATOR

OTROS RECAMBIOS
OTHER SPARE PARTS

| DESCRIPCIÓN DE RECAMBIO SPARE PARTS DESCRIPTION | ACTUADOR GEN-AIR | ACTUADOR GNP |
|--|---------------------|-----------------|
| Kit de Reparación / Repair Kit | ** | ** |
| Muelles / Spring Cartridge | ** | ** |
| Pistones / Pistons | ** | ** |
| Tapas / Ends Cap | Derecha Right | ** |
| | Izquierd Left | ** |

| REFERENCIA REFERENCE | DESCRIPCIÓN DEL RECAMBIO SPARE PARTS DESCRIPTION |
|-------------------------|---|
| 2240 / 2250 | Cristal Templado / Tempered sodalime Glass |
| 2240 / 2250 | Cristal Borosilicato / Borosilicate Glass |
| 2240 / 2250 | Junta PTFE / PTFE Gasket |
| 2406 | Kit de Juntas / Gasket Kit |
| 2460 | Tamiz y Junta PTFE / Screen and PTFE Gasket |
| 2461 | Tamiz / Screen |
| 2461 | Junta PTFE / PTFE Gasket |
| 2856 | Asiento de Silicona / Silicone Seat |
| 5060 | Kit de Reparación / Repair Kit |
| 5060 | Empaquetadura / Stem Packing |

CONDICIONES GENERALES DE VENTA

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 en base a las unidades de compra mínima (por caja), tal como especifica Genebre en su catálogo. 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 24 horas, 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 CATALOGO: 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%.

GARANTIA: 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.

GENERAL SALES CONDITIONS

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 according to obligated minimum units of purchase (boxes), as Genebre's Catalogue specifies. 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 be handled without any right from the purchaser to modify it, unless previous notification before 24 hours 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: GENEBRE'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

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