

ARTICULO : 2102 / D2102

Válvula de compuerta con cierre de EPDM

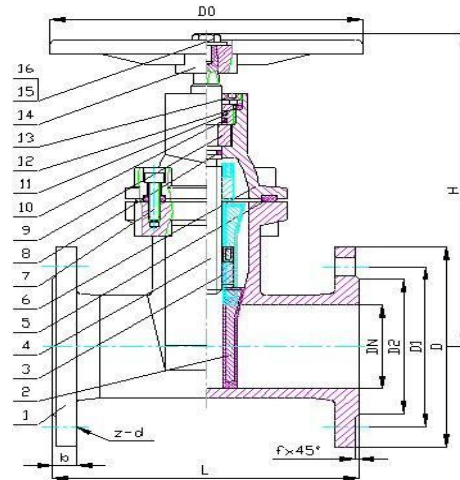
Gate valve with EPDM closing

Características

1. Válvula de compuerta con cierre elástico.
2. Construcción en fundición nodular GGG-50.
3. Compuerta recubierta con EPDM.
4. Vástago no ascendente.
5. Cierre en sentido de las agujas del reloj.
6. Diseño según DIN 3352.
7. Longitud entre caras según DIN 3202 F4.
8. Extremos bridados según DIN 2501 PN 16.
9. Apta para conducción de agua.
10. Paso total, mínima pérdida de carga.
11. Estanqueidad en ambas direcciones.
12. Pares de maniobra reducidos.
13. Recubrimiento interior y exterior con pintura epoxy.
14. Temperatura Máxima de trabajo: 80°C.

Features

1. Gate valve with elastic closing.
2. Made by Ductile Iron GGG-50.
3. Wedge coated EPDM.
4. Non-rising item.
5. Clockwise for close valve.
6. Design according to DIN 3352.
7. Face to Face according DIN 3202 F4.
8. Flanges end according DIN 2501 PN 16.
9. Suitable medium: Water.
10. Full Port, minimum head losses.
11. Bidirectional installation.
12. Reduced torque.
13. Inside & Outside with Epoxy coating.
14. Max. Working temp. 80°C.



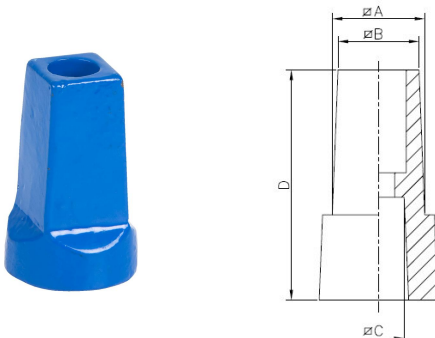
| Nº | Denominación/Name | Material | Acabado Superficial/ Surface Treatment |
|----|----------------------------|---|---|
| 1 | Cuerpo / Body | Fundición Nodular / Ductile Iron GGG-50 | Pintura epoxi / Epoxy coating |
| 2 | Compuerta / Wedge Body | Fundición Nodular / Ductile Iron GGG-40 + EPDM | ----- |
| 3 | Tuerca del Eje / Stem Nut | Latón / Brass | ----- |
| 4 | Eje / Stem | AISI 410 | ----- |
| 5 | Junta Cuerpo / Body Gasket | EPDM | ----- |

| Nº | Denominación / Name | Material | Acabado Superficial/Surface Treatment |
|----|------------------------------------|--|---------------------------------------|
| 6 | Tapa / Bonnet | Fundición Nodular / Ductile Iron GGG-50 | Pintura epoxi / Epoxy coating |
| 7 | Tornillo / Screw | Acero Carbono / Carbon Steel | ----- |
| 8 | Tórica / O'ring | EPDM | ----- |
| 9 | Separador / Locating Ring | Acero Inoxidable / Stainless Steel | ----- |
| 10 | Tórica / O'ring | EPDM | ----- |
| 11 | Tuerca prensaestopas / Packing Nut | Latón / Brass | ----- |
| 12 | Arandela / Washer | Nylon | ----- |
| 13 | Tapón anti-polvo / Anti-Dust ring | Plástico ABS / ABS Plastic | ----- |
| 14 | Volante / Handwheel | Acero Carbono / Carbon Steel | Pintura epoxi / Epoxy coating |
| 15 | Arandela / Washer | Acero Carbono / Carbon Steel | Cincado / Zinc PLated |
| 16 | Tornillo / Screw | Acero Carbono / Carbon Steel | Cincado / Zinc PLated |

DIMENSIONES GENERALES / GENERAL DIMENSIONS

| Ref | Medida/ Size | PN | Dimensiones/Dimensions (mm) | | | | | | | | | | Peso/ Weight (Kg) |
|---------|-----------------|----|-----------------------------|-----|-----|-----|-----|-----|-----|------|---|-------|-------------------------|
| | | | DN | H | L | D | D0 | D1 | D2 | b | f | n-d | |
| 2102 09 | 2" | 16 | 50 | 240 | 150 | 165 | 180 | 125 | 99 | 19 | 3 | 4-19 | 11.60 |
| 2102 10 | 2 ½" | 16 | 65 | 270 | 170 | 185 | 180 | 145 | 118 | 19 | 3 | 4-19 | 14.70 |
| 2102 11 | 3" | 16 | 80 | 300 | 180 | 200 | 200 | 160 | 132 | 19 | 3 | 8-19 | 16.50 |
| 2102 12 | 4" | 16 | 100 | 330 | 190 | 220 | 250 | 180 | 156 | 19 | 3 | 8-19 | 23.20 |
| 2102 13 | 5" | 16 | 125 | 375 | 200 | 250 | 280 | 210 | 184 | 19 | 3 | 8-19 | 35.00 |
| 2102 14 | 6" | 16 | 150 | 425 | 210 | 285 | 280 | 240 | 211 | 19 | 3 | 8-23 | 41.30 |
| 2102 16 | 8" | 16 | 200 | 515 | 230 | 340 | 320 | 295 | 266 | 20 | 3 | 12-23 | 66.00 |
| 2102 18 | 10" | 16 | 250 | 600 | 250 | 405 | 350 | 355 | 319 | 22 | 3 | 12-28 | 98.00 |
| 2102 20 | 12" | 16 | 300 | 685 | 270 | 460 | 400 | 410 | 370 | 24.5 | 4 | 12-28 | 125.30 |

ADAPTADOR OPCIONAL / OPCIONAL ADAPTER (Ref. D2102)



| Ref. | Medida/ Size | A | B | C | D |
|----------|-----------------|------|----|------|----|
| D2102 09 | 2" - 4" | 31 | 29 | 12.5 | 45 |
| D2102 13 | 5" - 6" | 31 | 29 | 17.5 | 45 |
| D2102 16 | 8" | 31.5 | 29 | 17.5 | 76 |
| D2102 18 | 10" - 12" | 31.5 | 29 | 21.5 | 76 |

VALORES DE Kv / Kv VALUES

Kv = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

Kv = The rate of flow of water in cubic meter per hour that will generate a pressure drop of 1 bar across the valve

| DN 50 | DN 65 | DN 80 | DN 100 | DN 125 | DN 150 | DN 200 | DN 250 | DN 300 |
|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 250 | 410 | 590 | 1050 | 1850 | 2620 | 4850 | 7600 | 11200 |