



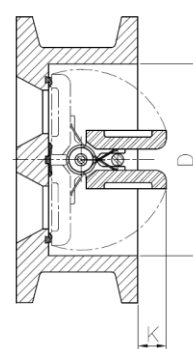
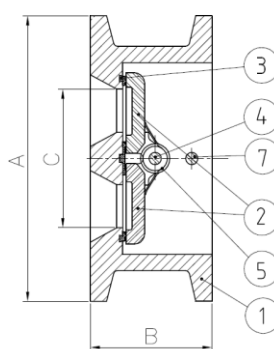
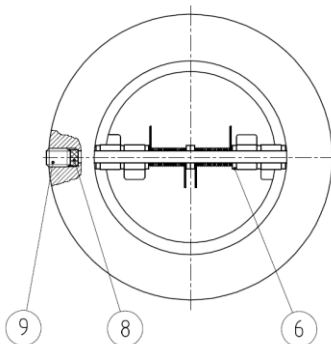
ARTÍCULO: 2402

### Características

1. Válvula de retención doble disco tipo wafer.
2. Construcción en Acero Inox. 1.4408 (CF8M).
3. Disco en Acero Inoxidable 1.4408 (CF8M).
4. Eje y resorte en Acero Inoxidable AISI 316.
5. Asiento FKM (Viton) vulcanizado en ranura.
6. Montaje entre bridas EN 1092 PN25 y ANSI 150 (EN 1092 PN 10/16 sólo hasta DN200).
7. Instalación Horizontal, Vertical o Inclínada.
8. Cáncamo de sujeción incluido a partir de 10".
9. Longitud entre caras según EN 558-1.
10. Presión de trabajo máxima 25 bar.
11. Temperatura de Trabajo -20 °C +180 °C.

### Features

1. Wafer check valve (double disk).
2. Made of Stainless steel 1.4408 (CF8M).
3. Disk made of Stainless steel 1.4408 (CF8M).
4. Axle and spring made of AISI 316.
5. Seat of FKM (Viton) vulcanised in groove.
6. Assembly between flanges EN 1092 PN25 / ANSI 150 (EN 1092 PN 10/16 only up to DN200).
7. Installed in vertical, horizontal or inclined position.
8. Handling eyebolt included from size 10".
9. Face to Face according to EN 558-1.
10. Max. Working pressure 25 bar.
11. Working temperature -20 °C +180 °C.

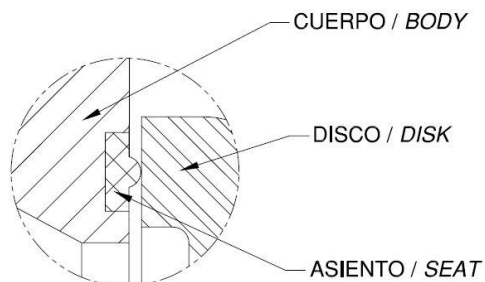


| Ref. | Denominación / Name       | Material                 | Acabado Superficial / Surface Treatment | Cód. Recambio Spare Part Code |
|------|---------------------------|--------------------------|-----------------------------------------|-------------------------------|
| 1    | Cuerpo / Body             | Acero Inox / SS 1.4408   | Granallado / Shot blasting              | -----                         |
| 2    | Disco / Disk              | Acero Inox / SS 1.4408   | Granallado / Shot blasting              | -----                         |
| 3    | Asiento / Seat            | FKM                      | -----                                   | -----                         |
| 4    | Eje / Axle                | Acero Inox / SS AISI 316 | -----                                   | -----                         |
| 5*   | Resorte / Spring          | Acero Inox / SS AISI 316 | -----                                   | K2401                         |
| 6*   | Arandela / Washer         | PTFE                     | -----                                   | K2401                         |
| 7    | Tope Disco / Disk Stopper | Acero Inox / SS AISI 316 | -----                                   | -----                         |
| 8*   | Tapón / Plug              | FKM                      | -----                                   | K2401                         |
| 9*   | Prisionero / Grub Screw   | Acero Inox / SS AISI 304 | -----                                   | K2401                         |

\* Piezas de recambio disponibles / Available spare parts

| Ref.    | Medida /<br>Size | DN  | PN | Dimensiones / Dimensions (mm) |     |     |     |    | Peso / Weight<br>(Kg) |
|---------|------------------|-----|----|-------------------------------|-----|-----|-----|----|-----------------------|
|         |                  |     |    | A                             | B   | C   | D   | K  |                       |
| 2402 09 | 2 "              | 50  | 25 | 101                           | 54  | 48  | 66  | 5  | 1.30                  |
| 2402 10 | 2 1/2 "          | 65  | 25 | 119                           | 54  | 59  | 80  | 11 | 1.80                  |
| 2402 11 | 3 "              | 80  | 25 | 133                           | 57  | 72  | 95  | 11 | 2.40                  |
| 2402 12 | 4 "              | 100 | 25 | 164                           | 64  | 90  | 117 | 24 | 3.90                  |
| 2402 13 | 5 "              | 125 | 25 | 194                           | 70  | 110 | 145 | 34 | 6.30                  |
| 2402 14 | 6 "              | 150 | 25 | 220                           | 76  | 135 | 170 | 43 | 8.10                  |
| 2402 16 | 8 "              | 200 | 25 | 275                           | 95  | 175 | 224 | 67 | 15.50                 |
| 2402 18 | 10 "             | 250 | 25 | 337                           | 108 | 215 | 255 | 80 | 21.30                 |
| 2402 20 | 12 "             | 300 | 25 | 400                           | 143 | 254 | 302 | 96 | 34.00                 |

## Detalle de Asiento / Seat Detail



## MÍNIMA PRESION DE APERTURA / MINIMUM OPENING PRESSURE

| FLUJO /<br>FLOW | Aplicación<br>Application      | Presion<br>Pressure | 2"   | 2 1/2" | 3"   | 4"   | 5"   | 6"   | 8"   | 10"  | 12"  |
|-----------------|--------------------------------|---------------------|------|--------|------|------|------|------|------|------|------|
|                 | con muelle /<br>with spring    | mbar                | 22,8 | 22,8   | 22,8 | 24   | 24,5 | 24,7 | 25,4 | 26,6 | 27,3 |
|                 | con muelle /<br>with spring    | mbar                | 22,4 | 22,4   | 22,4 | 23,5 | 24   | 24,1 | 24,7 | 25,8 | 26,4 |
|                 | con muelle /<br>with spring    | mbar                | 22   | 22     | 22   | 23   | 23,5 | 23,5 | 24   | 25   | 25,5 |
|                 | sin muelle /<br>without spring | mbar                | 0,4  | 0,4    | 0,4  | 0,5  | 0,5  | 0,6  | 0,7  | 0,8  | 0,9  |

## VALORES DE Kv / Kv VALUES

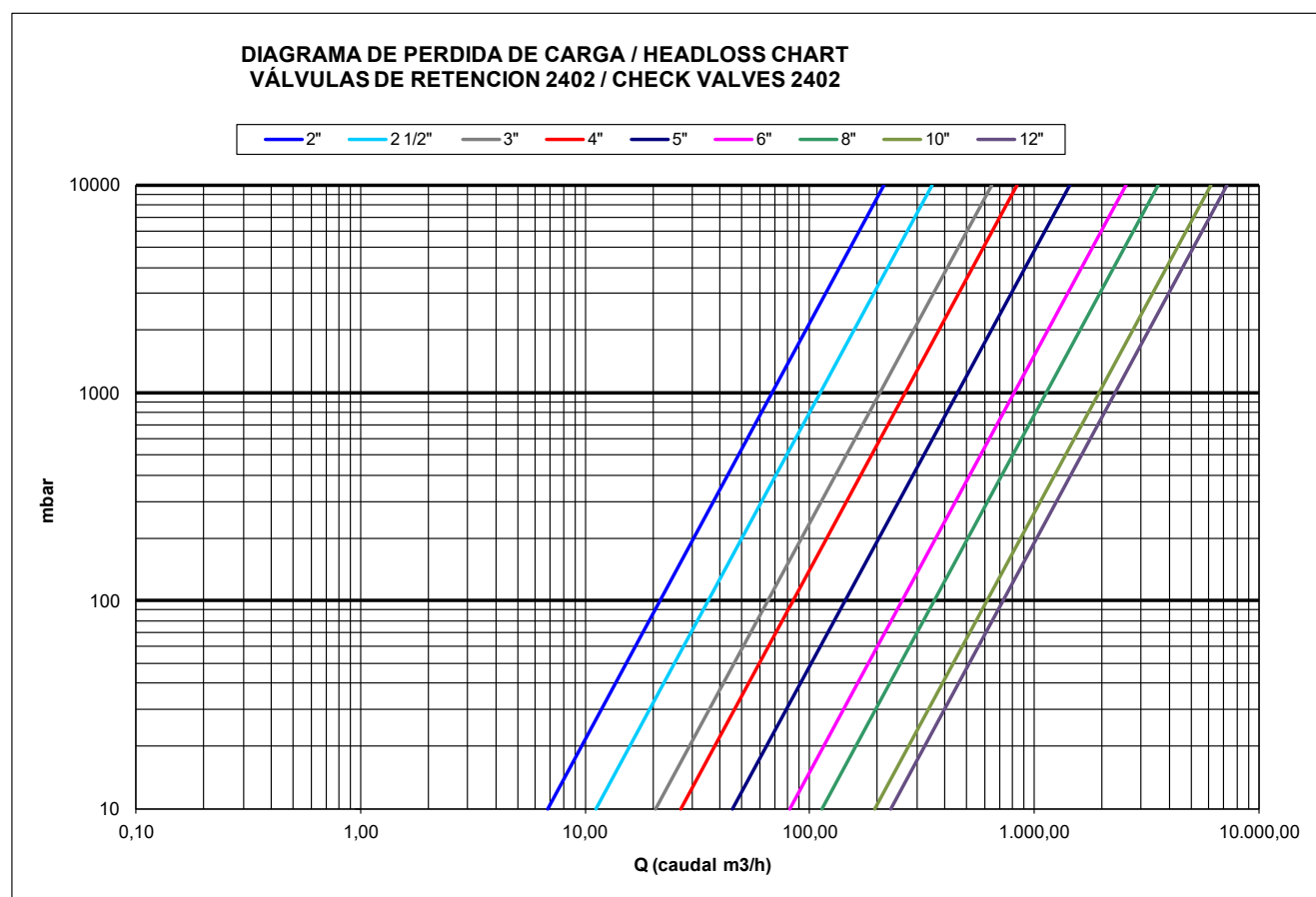
Kv = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

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

| D  | Inch              | 2" | 2 1/2" | 3"  | 4"  | 5"  | 6"  | 8"   | 10"  | 12"  |
|----|-------------------|----|--------|-----|-----|-----|-----|------|------|------|
| Kv | m <sup>3</sup> /h | 68 | 111    | 206 | 266 | 455 | 813 | 1132 | 1950 | 2300 |

## DIAGRAMA DE PERDIDAS DE CARGA / HEAD LOSSES DIAGRAM

( H<sub>2</sub>O – 20 °C Flujo Horizontal / Horizontal flow ).



CURVA PRESION TEMPERATURA / PRESSURE TEMPERATURE RATING

