

## ARTICULO: 2406

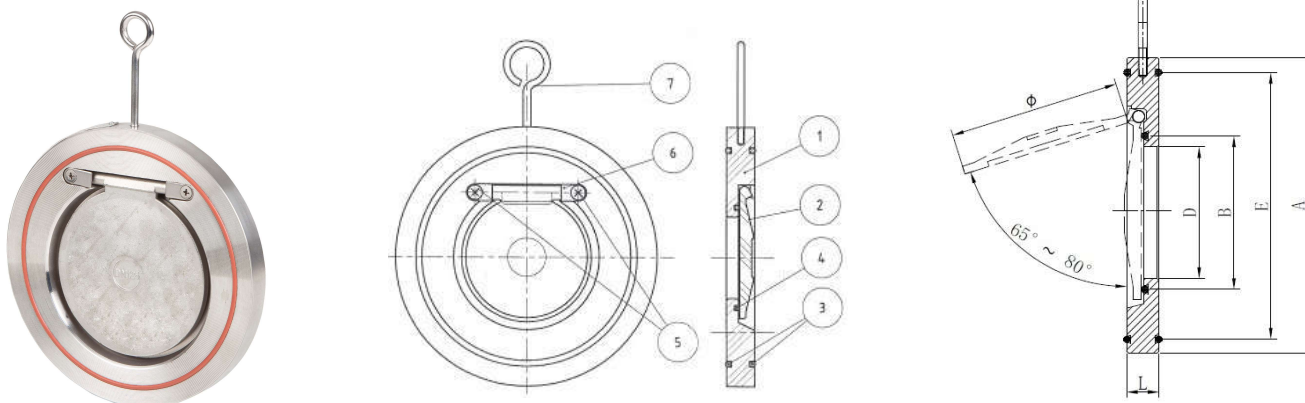
### Válvula de Retención tipo wafer de simple disco Check Valve (single disk) wafer type

#### Características

1. Válvula de retención a disco tipo wafer.
2. Construcción en Acero Inox. 1.4408 (CF8M).
3. Juntas Externas de FPM (Viton).
4. Asiento de FPM (Viton).
5. Montaje entre bridas EN 1092 PN10/16 y ANSI150.
6. Instalación Horizontal ó Vertical (↑).
7. Presión de trabajo máxima 16 bar.
8. Temperatura de trabajo -20°C +180°C.
9. Bajas pérdidas de carga.

#### Features

1. Wafer check valve (single disk).
2. Made of Stainless Steel 1.4408 (CF8M).
3. External o'ring made of FKM (Viton).
4. Disk o'ring (seat) made of FKM (Viton).
5. Assembly between flanges EN 1092 PN10/16 & ANSI150.
6. Installed with vertical (↑) or horizontal flow.
7. Max. Working pressure 16 bar.
8. Working temperature -20°C +180°C.
9. Low head losses.



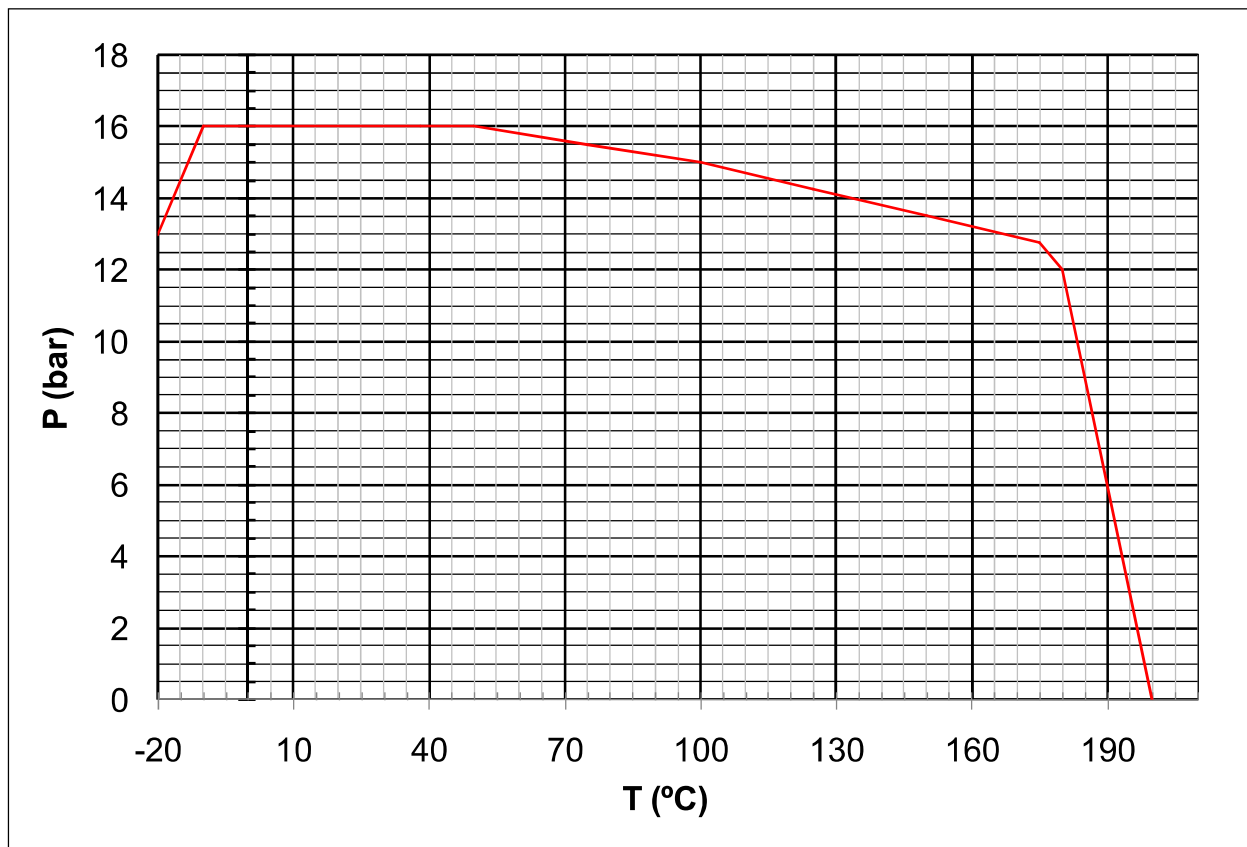
| Nº | Denominación / Name              | Material                      | Acabado Superficial / Surface Treatment | Cód. Recambio Spare Part Code |
|----|----------------------------------|-------------------------------|---|-------------------------------|
| 1  | Cuerpo / Body                    | Acero Inox / SS 1.4408 (CF8M) | Granallado / Shot blasting              | -----                         |
| 2  | Disco / Disk                     | Acero Inox / SS 1.4408 (CF8M) | Granallado / Shot blasting              | -----                         |
| 3* | Junta exterior / External O'ring | FPM                           | -----                                   | K2406                         |
| 4* | Junta disco / Disk O'ring        | FPM                           | -----                                   | K2406                         |
| 5  | Tornillo eje / Axis screw        | Acero Inox AISI 316 / SS 316  | -----                                   | -----                         |
| 6  | Tope eje / Stem Stopper          | Acero Inox AISI 316 / SS 316  | -----                                   | -----                         |
| 7  | Gancho / Hook                    | Acero / Steel                 | Cincado / Zinc Plated                   | -----                         |

\* Piezas de recambio disponibles / Available spare parts

## DIMENSIONES GENERALES / GENERAL DIMENSIONS

| Ref     | Medida / Size | PN | Dimensiones / Dimensions (mm) |     |     |     |    |      | Peso / Weight (Kg) |
|---------|---------------|----|-------------------------------|-----|-----|-----|----|------|--------------------|
|         |               |    | A                             | B   | D   | E   | L  | Ø    |                    |
| 2406 08 | 1 1/2"        | 16 | 85                            | 33  | 25  | 68  | 12 | 40   | 0.450              |
| 2406 09 | 2 "           | 16 | 105                           | 41  | 32  | 84  | 14 | 47.5 | 0.790              |
| 2406 10 | 2 1/2 "       | 16 | 124                           | 51  | 40  | 96  | 14 | 63   | 1.110              |
| 2406 11 | 3 "           | 16 | 136                           | 65  | 54  | 118 | 14 | 74   | 1.340              |
| 2406 12 | 4 "           | 16 | 164                           | 85  | 70  | 148 | 18 | 92   | 2.300              |
| 2406 13 | 5 "           | 16 | 194                           | 106 | 92  | 166 | 18 | 116  | 3.100              |
| 2406 14 | 6 "           | 16 | 220                           | 130 | 114 | 197 | 20 | 138  | 4.500              |
| 2406 16 | 8 "           | 16 | 275                           | 170 | 154 | 249 | 22 | 179  | 7.150              |
| 2406 18 | 10 "          | 16 | 330                           | 220 | 200 | 310 | 26 | 230  | 11.950             |
| 2406 20 | 12 "          | 16 | 380                           | 255 | 230 | 358 | 30 | 270  | 20.500             |

## CURVA PRESIÓN TEMPERATURA / PRESSURE TEMPERATURE RATING

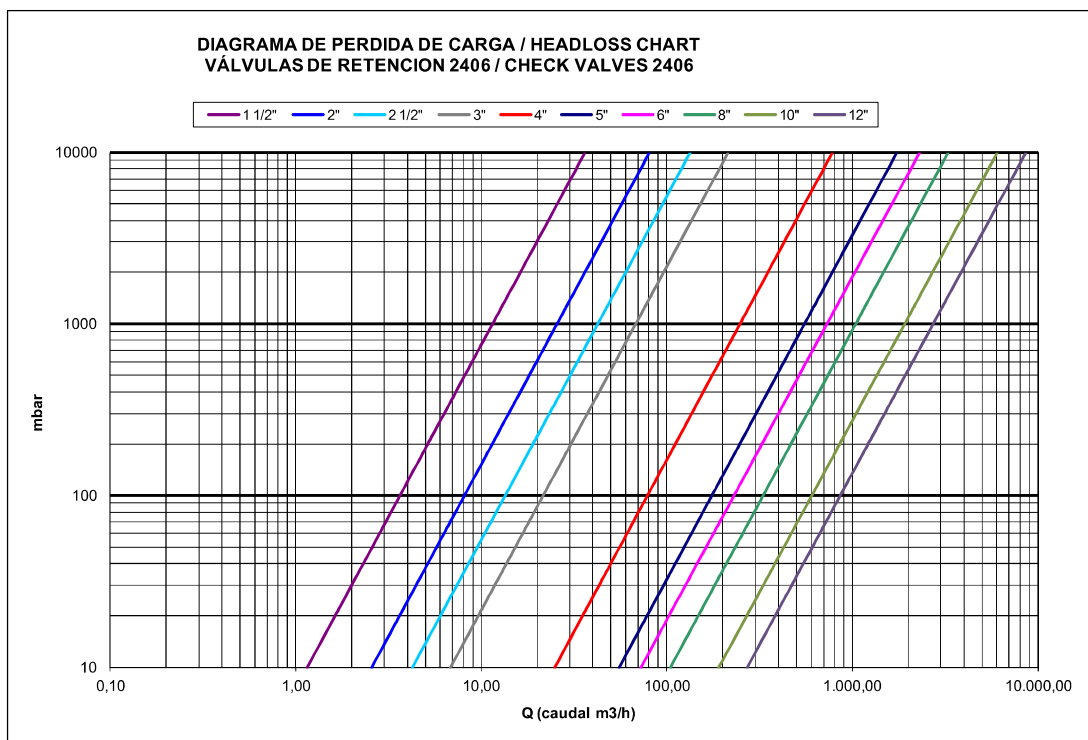


## VALORES DE Kv / Kv VALUES

$K_v$  ( $m^3/h$ ) = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

$K_v$  ( $m^3/h$ ) = Flow rate of water in cubic meter per hour that will generate a pressure drop of 1 bar across the valve.

| D  | Inch    | 1 1/2" | 2"   | 2 1/2" | 3" | 4"  | 5"    | 6"  | 8"   | 10"  | 12"  |
|----|---------|--------|------|--------|----|-----|-------|-----|------|------|------|
| Kv | $m^3/h$ | 11,5   | 25,5 | 42,5   | 68 | 248 | 550,5 | 729 | 1045 | 1907 | 2720 |



## PRESIÓN DE APERTURA / OPENING PRESSURE (mbar)

| Flujo / Flow | DN40 ~ DN150 | DN200 ~ DN300 |
|--------------|--------------|---------------|
| →            | ≈ 0          | ≈ 0           |
| ↑            | 6            | 9             |