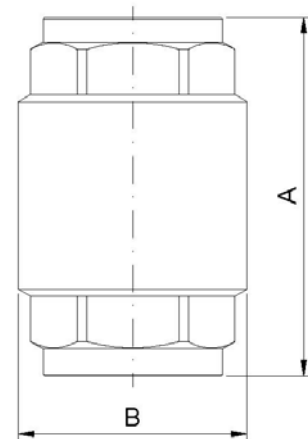
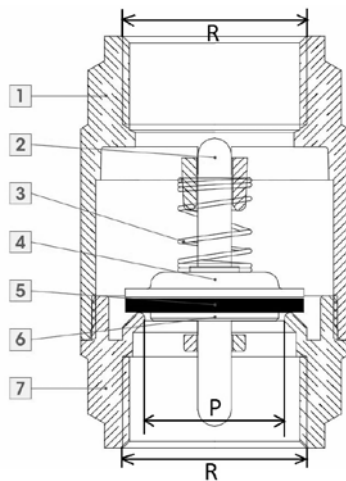


Art.: 3131

Válvula de retención "Europa" / "Europa" Check valve

| Características | Features |
|--|--|
| 1. Válvula retención. | 1. Check valve. |
| 2. Construcción en latón según UNE-EN 12165. | 2. Brass construction acc/ UNE-EN 12165. |
| 3. Extremos rosca gas (BSP) hembra s/ ISO 228/1. | 3. Thread ends gas (BSP) female acc/ ISO 228/1. |
| 4. Temperatura de trabajo desde -20°C a 100°C. | 4. Working temperature from -20°C to 100°C. |
| 5. Apta para cualquier instalación hidráulica, calefacción, acondicionamiento y neumática. | 5. Suitable for domestic water services, heating and air-conditioning plants and compressed air systems. |
| 6. Montaje en cualquier posición, horizontal, vertical, oblicua. | 6. It can be fitted in horizontal, vertical or oblique position. |
| 7. Cierre en NBR (goma) 65 shore. | 7. NBR sealing (rubber) 65 shore. |
| 8. Muelle en acero inox. AISI 302. | 8. Stainless Steel spring AISI 302. |
| 9. Presión máxima de trabajo 25/18/12 bar (PN-25 / PN-18/PN-12) (Ver tabla). | 9. Maximum working pressure 25/18/12 bar (PN-25/ PN-18/PN-12) (See table). |



| Nº | Denominación/Name | Material |
|----|----------------------------|---------------------------------------|
| 1 | Cuerpo / Body | Latón / Brass CW617N |
| 2 | Perno / Pin | Latón / Brass CW617N |
| 3 | Muelle / Spring | Acero inox / Stainless steel AISI 302 |
| 4 | Placa asiento / Seat plate | Acero inox / Stainless steel AISI 304 |
| 5 | Junta cierre / Seat | NBR |
| 6 | Disco unión / Plate | Latón / Brass CW617N |
| 7 | Tapa / Cap | Latón / Brass CW617N |

| Ref | Medida/Size | PN | Dimensiones/Dimensions (mm) | | | Peso/Weight (Kg) |
|---------|-------------|----|-----------------------------|-------|-----|------------------|
| | R | | P | A | B | |
| 3131 03 | 3/8" | 25 | 10 | 55 | 35 | 0,181 |
| 3131 04 | 1/2" | 25 | 15 | 58,5 | 35 | 0,194 |
| 3131 05 | 3/4" | 25 | 20 | 65 | 42 | 0,280 |
| 3131 06 | 1" | 25 | 25 | 74,5 | 48 | 0,420 |
| 3131 07 | 1 1/4" | 18 | 32 | 83 | 61 | 0,650 |
| 3131 08 | 1 1/2" | 18 | 40 | 93 | 71 | 0,850 |
| 3131 09 | 2" | 18 | 50 | 101 | 87 | 1,320 |
| 3131 10 | 2 1/2" | 12 | 65 | 122 | 120 | 2,813 |
| 3131 11 | 3" | 12 | 79 | 141 | 140 | 4,186 |
| 3131 12 | 4" | 12 | 100 | 158,5 | 172 | 5,920 |

DIAGRAMA PÉRDIDA DE CARGA / HEAD LOSS CHART

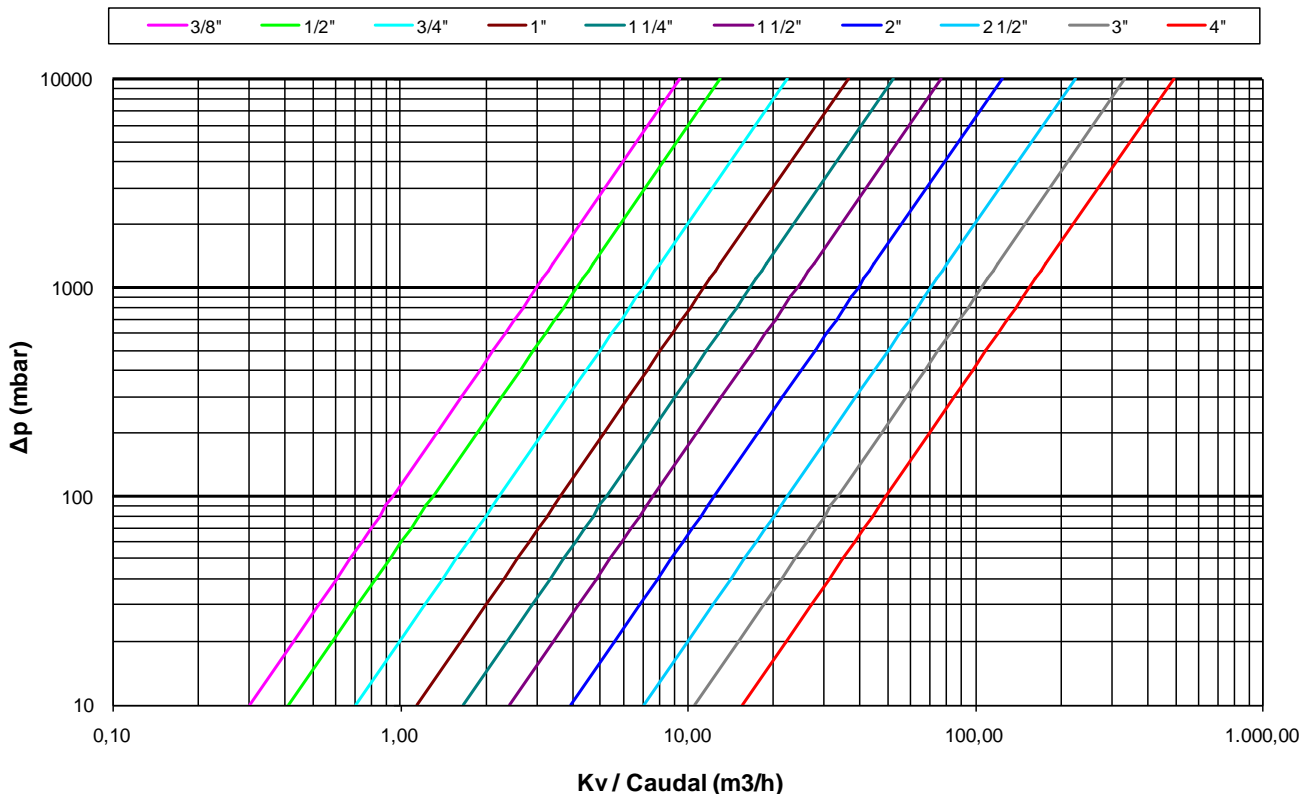
(Válvula de retención roscada 3131 / Threaded ends check valve 3131)

Valores de Kv / Kv Values:

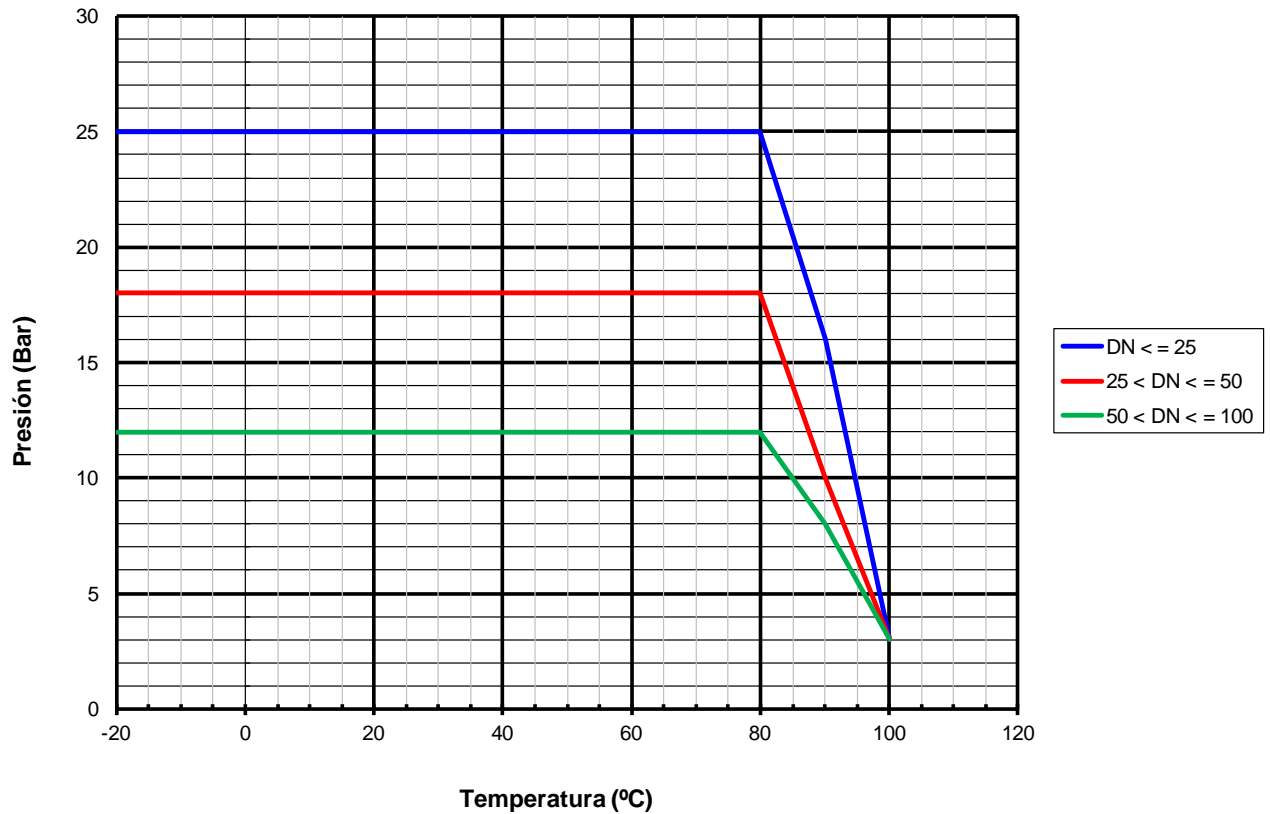
Kv = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

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

| Medida / Size | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
|---------------|------|------|------|-------|--------|--------|-------|--------|--------|--------|
| Kv | 2,99 | 4,12 | 7,03 | 11,45 | 16,54 | 24,12 | 39,32 | 70,64 | 105,60 | 155,30 |



CURVA PRESIÓN - TEMPERATURA / PRESSURE - TEMPERATURE RATING



PRESIÓN MÍNIMA DE APERTURA / MINIMUM OPENING PRESSURE (Válvula de retención roscada 3131 / Threaded ends check valve 3131)

| Medida / Size | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
|---------------|------|------|------|----|--------|--------|----|--------|----|----|
| mbar | 23 | 23 | 26 | 25 | 18 | 31 | 14 | 14 | 10 | 8 |