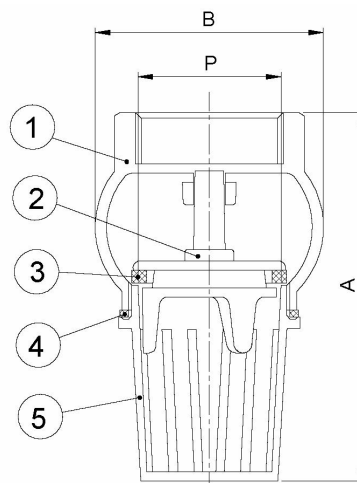


## Art.: 3145E

### Válvula de fondo / Bottom valve

| Características                                                                       | Features                                                           |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1. Presión máxima de trabajo 10 bar (PN-10).                                          | 1. Maximum working pressure 10 bar (PN-10)                         |
| 2. Construcción en latón CW617N según UNE-EN 12165 para medidas de 3/4" hasta 2".     | 2. CW617N Brass according to UNE-EN 12165 for 3/4" to 2".          |
| 3. Construcción en latón Cu57Pb3 para 2 1/2" hasta 4".                                | 3. Brass construction Cu57Pb3 for 2 1/2" to 4"                     |
| 4. Extremos rosca gas (BSP) hembra s/ ISO 228/1. 12165 para medidas de 3/4" hasta 2". | 4. Thread female ends gas (BSP) acc/ ISO 228/1 for 3/4" to 2".     |
| 5. Para roscas de 2 1/2" a 4" no es estricto ISO228/1.                                | 5. For 2 1/2" to 4" thread is not strict ISO228/1                  |
| 6. Cierre NBR 65 Sh.                                                                  | 6. NBR 65 Sh sealing.                                              |
| 7. Temperatura de trabajo desde 0°C a 90°C.                                           | 7. Working temperature from 0°C to 90°C.                           |
| 8. Adaptable para todo tipo de instalaciones hidráulicas y neumáticas.                | 8. Suitable for all kind of hydraulic and pneumatic installations. |



| Nº | Denominación / Name       | Material / Material | Acabado superficial / Surface Treatment |
|----|---------------------------|---------------------|-----------------------------------------|
| 1  | Cuerpo / Body             | Latón / Brass       | Granallado / Peened                     |
| 2  | Obturador / Obturator     | Latón / Brass       | -                                       |
| 3  | Junta cierre / Seal joint | NBR 65 Sh.          | -                                       |
| 4  | Junta union / Union joint | Fibra / Fiber       | -                                       |
| 5  | Filtro / Filter           | Latón / Brass       | Granallado / Peened                     |

| Ref.     | Medida / Size | PN | Dimensiones / Dimensions (mm) |     |     | Peso / Weight (Kg) |
|----------|---------------|----|-------------------------------|-----|-----|--------------------|
|          |               |    | P                             | A   | B   |                    |
| 3145E 05 | 3/4"          | 10 | 20                            | 73  | 43  | 0,190              |
| 3145E 06 | 1"            | 10 | 25                            | 81  | 50  | 0,245              |
| 3145E 07 | 1 1/4"        | 8  | 32                            | 94  | 58  | 0,400              |
| 3145E 08 | 1 1/2"        | 8  | 40                            | 103 | 66  | 0,530              |
| 3145E 09 | 2"            | 8  | 50                            | 117 | 76  | 0,780              |
| 3145E 10 | 2 1/2"        | 6  | 48                            | 133 | 90  | 1,250              |
| 3145E 11 | 3"            | 6  | 56,5                          | 144 | 98  | 1,750              |
| 3145E 12 | 4"            | 6  | 73                            | 175 | 138 | 3,400              |

## DIAGRAMA PÉRDIDA DE CARGA / HEAD LOSS CHART

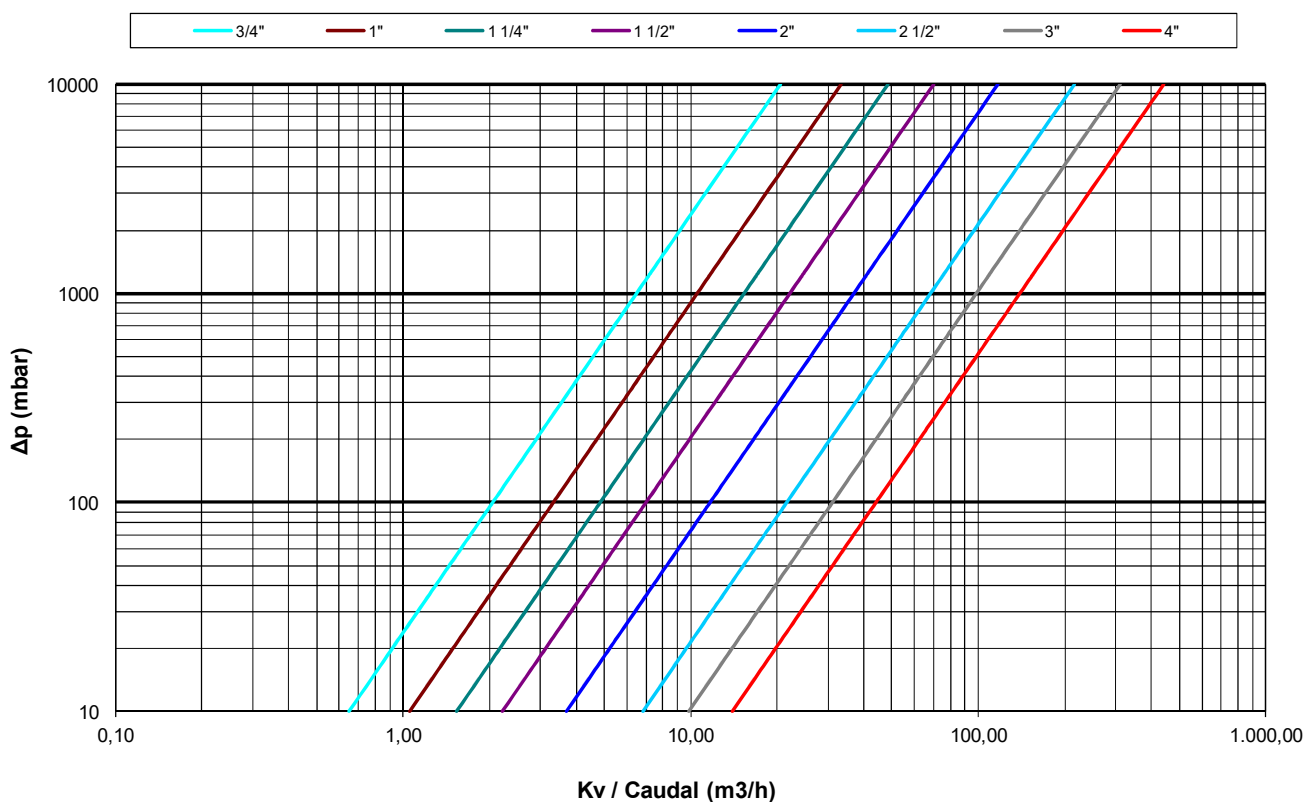
(Válvulas paso total roscadas / Threaded ends full bore ball valves)

Valores de Kv / Kv Values:

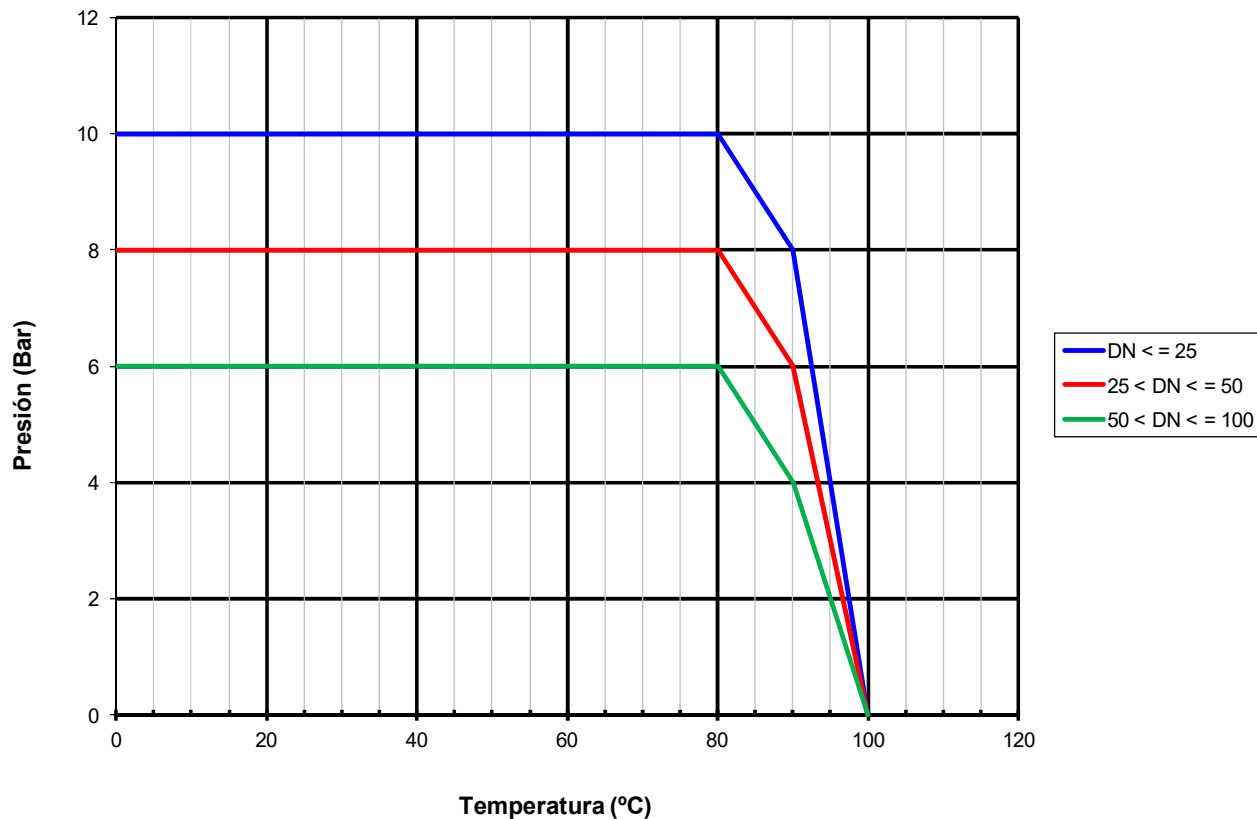
**Kv** = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

**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 | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"   | 4"  |
|---------------|------|------|--------|--------|------|--------|------|-----|
| Kv            | 6.5  | 10.5 | 15.4   | 22.2   | 37.1 | 68.4   | 98.5 | 140 |



## CURVA PRESIÓN - TEMPERATURA / PRESSURE - TEMPERATURE RATING



## PRESIÓN MÍNIMA DE APERTURA / MINIMUM OPENING PRESSURE (Válvula de retención roscada 3145E / Threaded ends check valve 3145E)

| Medida / Size | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
|---------------|------|----|--------|--------|----|--------|----|----|
| mbar          | 27   | 26 | 19     | 32     | 15 | 15     | 12 | 10 |