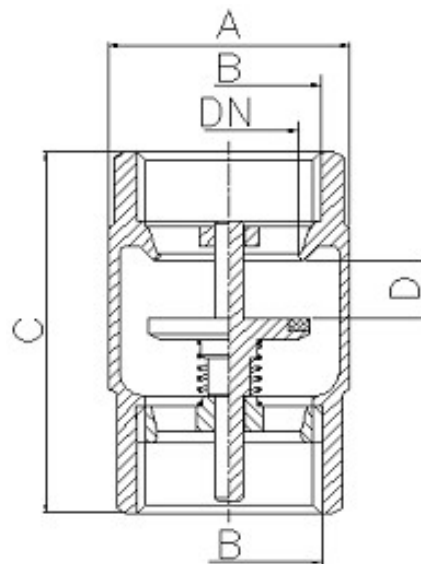
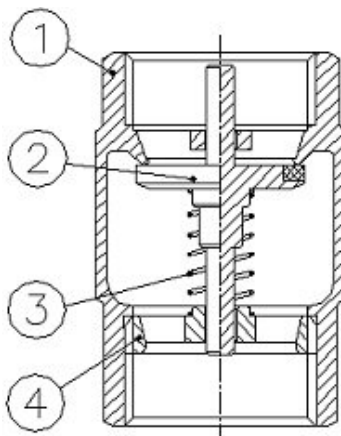


## Art.: 3121

### Válvula de retención REGE / REGE Check valve

| Características                                                                                             | Features                                                                                             |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 1. Válvula de retención monobloque (sólo hasta 2") y desmontable.                                           | 1. Removable and monoblock (only up to 2") check valve.                                              |
| 2. Construcción en latón forjado s/ UNE-EN 12165.                                                           | 2. Hot-forging brass according to UNE-EN 12165.                                                      |
| 3. Extremos rosca gas (BSP) hembra s/ ISO 228/1.                                                            | 3. Threaded female ends gas (BSP) acc/ ISO 228/1.                                                    |
| 4. Temperatura de funcionamiento:<br>Aire: -20° C a 100° C.<br>Gas: -20° C a 60° C.<br>Agua: 0° C a 100° C. | 4. Working temperature:<br>Air: -20 °C to 100° C.<br>Gas: -20 °C to 60° C.<br>Water: 0 °C to 100° C. |
| 5. Presión máxima de trabajo 25/18/12 bar (PN-25/ PN-18/ PN-12) (Ver tabla).                                | 5. Maximum working pressure 25/18/12 bar (PN-25/ PN-18/ PN-12) (See table).                          |
| 6. Apta para todo tipo de instalaciones industriales, neumáticas e hidráulicas.                             | 6. Suitable for all kind of industrial, pneumatic and hydraulic installations.                       |
| 7. Montaje multi posiciona (horizontal, vertical y oblicuo).                                                | 7. Multipositional setting up (horizontal, vertical and oblique).                                    |
| 8. Junta de clapeta vulcanizada de NBR.                                                                     | 8. Vulcanized NBR gasket plate.                                                                      |
| 9. Muelle en acero inoxidable AISI 304.                                                                     | 9. Stainless steel spring AISI 304.                                                                  |
| 10. Cumple con la DWD 2020/2184/UE. Calidad del agua de consumo humano.                                     | 10. Complies with DWD 2020/2184/EU. Quality of water intended for human consumption.                 |
| 11. Cumple con el RD03/2023. Criterios para la calidad del agua de consumo humano                           | 11. Complies with RD03/2023. Criteria for the quality of water intended for human consumption.       |



| Nº | Denominación / Name | Material                                   | Acabado Superficial / Surface Treatment                                 |
|----|---------------------|--------------------------------------------|-------------------------------------------------------------------------|
| 1  | Cuerpo / Body       | Latón / Brass CW617N                       | Granallado + Mecanizado / Peened + Machining                            |
| 2  | Clapeta / Plate     | Latón + NBR / Brass + NBR                  | Granallado + Mecanizado + Vulcanizado / Peened + Machining + Vulcanized |
| 3  | Muelle / Spring     | Acero Inox. 304 / Stainless steel AISI 304 | -                                                                       |
| 4  | Anillo / Ring       | Latón / Brass CW617N                       | Granallado + Mecanizado / Peened + Machining                            |

| Ref.    | Medida / Size | DN  | PN | Dimensiones / Dimensions (mm) |      |      | Peso / Weight (Kg) |
|---------|---------------|-----|----|-------------------------------|------|------|--------------------|
|         | B             |     |    | ØA                            | C    | D    |                    |
| 3121 04 | G 1/2"        | 15  | 25 | 30                            | 50   | 7,5  | 0,101              |
| 3121 05 | G 3/4"        | 20  | 25 | 36,5                          | 57   | 8,5  | 0,164              |
| 3121 06 | G 1"          | 25  | 25 | 43                            | 65   | 10,5 | 0,259              |
| 3121 07 | G 1 1/4"      | 32  | 18 | 53                            | 70   | 11   | 0,361              |
| 3121 08 | G 1 1/2"      | 40  | 18 | 64,5                          | 75,5 | 12   | 0,513              |
| 3121 09 | G 2"          | 50  | 18 | 79,5                          | 81,5 | 14   | 0,795              |
| 3121 10 | G 2 1/2"      | 65  | 12 | 104                           | 104  | 22   | 1,536              |
| 3121 11 | G 3"          | 80  | 12 | 124                           | 113  | 23,5 | 2,349              |
| 3121 12 | G 4"          | 100 | 12 | 155                           | 132  | 27   | 3,707              |

## DIAGRAMA PÉRDIDA DE CARGA / HEAD LOSS CHART

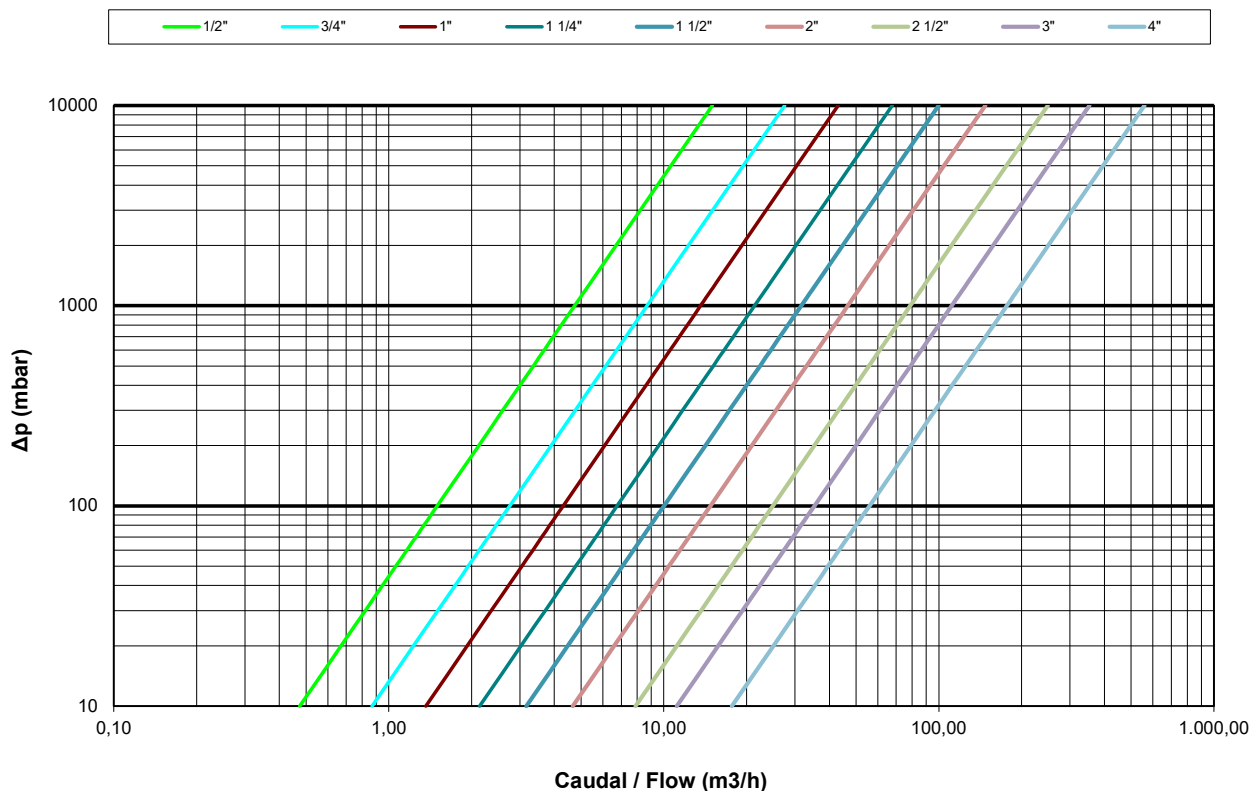
(Válvula retención / Check valve)

Valores de Kv / Kv Values:

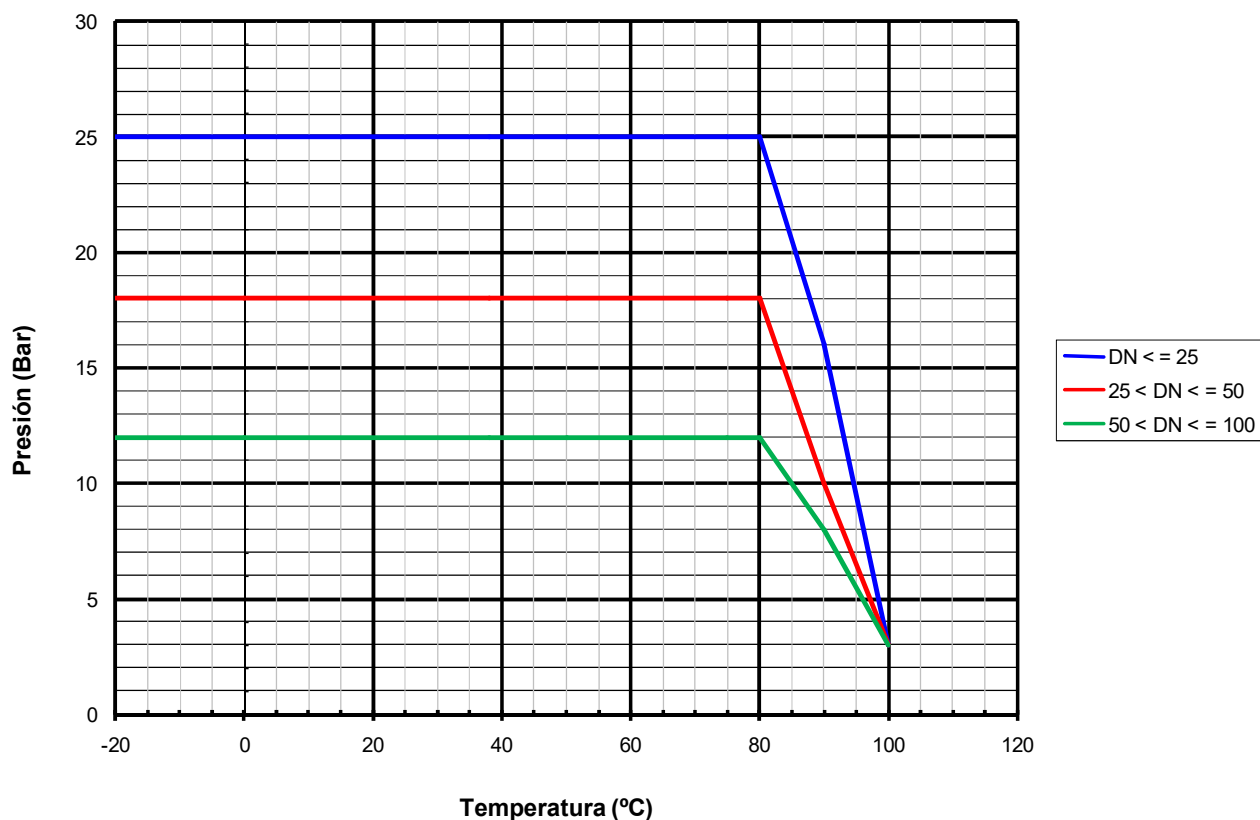
**Kv** = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

**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 | 1/2" | 3/4" | 1"    | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"    | 4"    |
|---------------|------|------|-------|--------|--------|------|--------|-------|-------|
| Kv            | 4.74 | 8.7  | 13.61 | 21.38  | 31.63  | 46.7 | 78.77  | 111.5 | 176.9 |



## CURVA PRESIÓN - TEMPERATURA / PRESSURE - TEMPERATURE RATING



## PRESIÓN MÍNIMA DE APERTURA / MINIMUM OPENING PRESSURE (Válvula de retención roscada 3121 / Threaded ends check valve 3121)

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