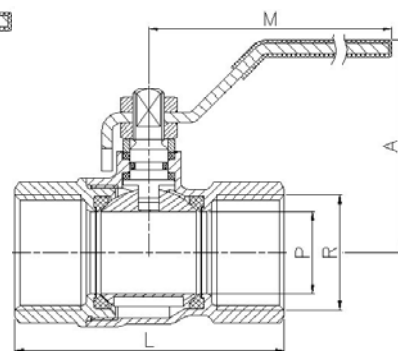
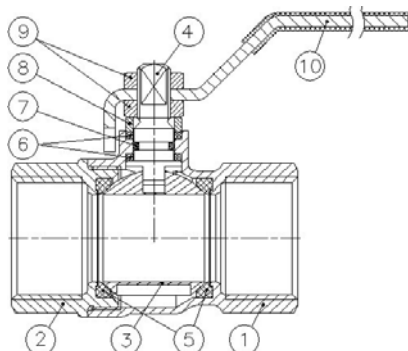


## Art.: 3021

### Válvula de esfera serie pesada / Ball valve heavy series

| Características                                                 | Features                                                      |
|-----------------------------------------------------------------|---------------------------------------------------------------|
| 1. Válvula esfera con paso total.                               | 1. Ball valve with full bore.                                 |
| 2. Construcción en latón s/ UNE-EN 12165 cromado.               | 2. Brass construction acc/ to UNE-EN 12165 chrome plated.     |
| 3. Extremos rosca gas (BSP) hembra según ISO 228/1.             | 3. Gas (BSP) threaded female ends according to ISO 228/1.     |
| 4. Accionamiento mediante palanca de acero inoxidable AISI 304. | 4. Working by means of AISI 304 stainless steel lever handle. |
| 5. Temperatura de trabajo desde -20°C a 110°C.                  | 5. Working temperature from -20°C to 110°C.                   |
| 6. Presión máxima de trabajo 40 bar (PN 40).                    | 6. Maximum working pressure 40 bar (PN 40).                   |
| 7. Asientos PTFE.                                               | 7. PTFE Seats.                                                |



| Nº | Denominación / Name          | Material               | Acabado Superficial / Surface Treatment |
|----|------------------------------|------------------------|-----------------------------------------|
| 1  | Cuerpo / Body                | Latón / Brass (CW617N) | Granallado + Cromado / Peened + Chromed |
| 2  | Tapa / Cap                   | Latón / Brass (CW617N) | Granallado + Cromado / Peened + Chromed |
| 3  | Esfera / Ball                | Latón / Brass (CW617N) | Cromado / Chrome plated                 |
| 4  | Eje / Stem                   | Latón / Brass (CW617N) | Cromado / Chrome plated                 |
| 5  | Asientos / Ball seats        | PTFE                   | -                                       |
| 6  | Anillo prensa / Stem packing | PTFE                   | -                                       |
| 7  | Tórica / O-Ring              | NBR                    | -                                       |
| 8  | Anillo prensa / Stem ring    | Latón / Brass          | Cromado / Chrome plated                 |
| 9  | Tuerca / Nut                 | Latón / Brass          | Cromado / Chrome plated                 |
| 10 | Maneta / Handle              | AISI 304               | -                                       |

| Ref.    | Medida / Size<br>R | DN | Dimensiones / Dimensions (mm) |    |     |     | Peso / Weight (Kg) |
|---------|--------------------|----|-------------------------------|----|-----|-----|--------------------|
|         |                    |    | P                             | A  | L   | M   |                    |
| 3021 02 | 1/4"               | 10 | 10                            | 45 | 48  | 84  | 0,135              |
| 3021 03 | 3/8"               | 10 | 10                            | 45 | 50  | 84  | 0,135              |
| 3021 04 | 1/2"               | 15 | 14                            | 47 | 58  | 84  | 0,180              |
| 3021 05 | 3/4"               | 20 | 19                            | 58 | 65  | 98  | 0,305              |
| 3021 06 | 1"                 | 25 | 24                            | 61 | 78  | 98  | 0,450              |
| 3021 07 | 1 1/4"             | 32 | 30,5                          | 74 | 88  | 126 | 0,715              |
| 3021 08 | 1 1/2"             | 40 | 37,5                          | 80 | 105 | 126 | 1,075              |
| 3021 09 | 2"                 | 50 | 47                            | 91 | 122 | 158 | 1,645              |

## DIAGRAMA PÉRDIDA DE CARGA / HEAD LOSS CHART

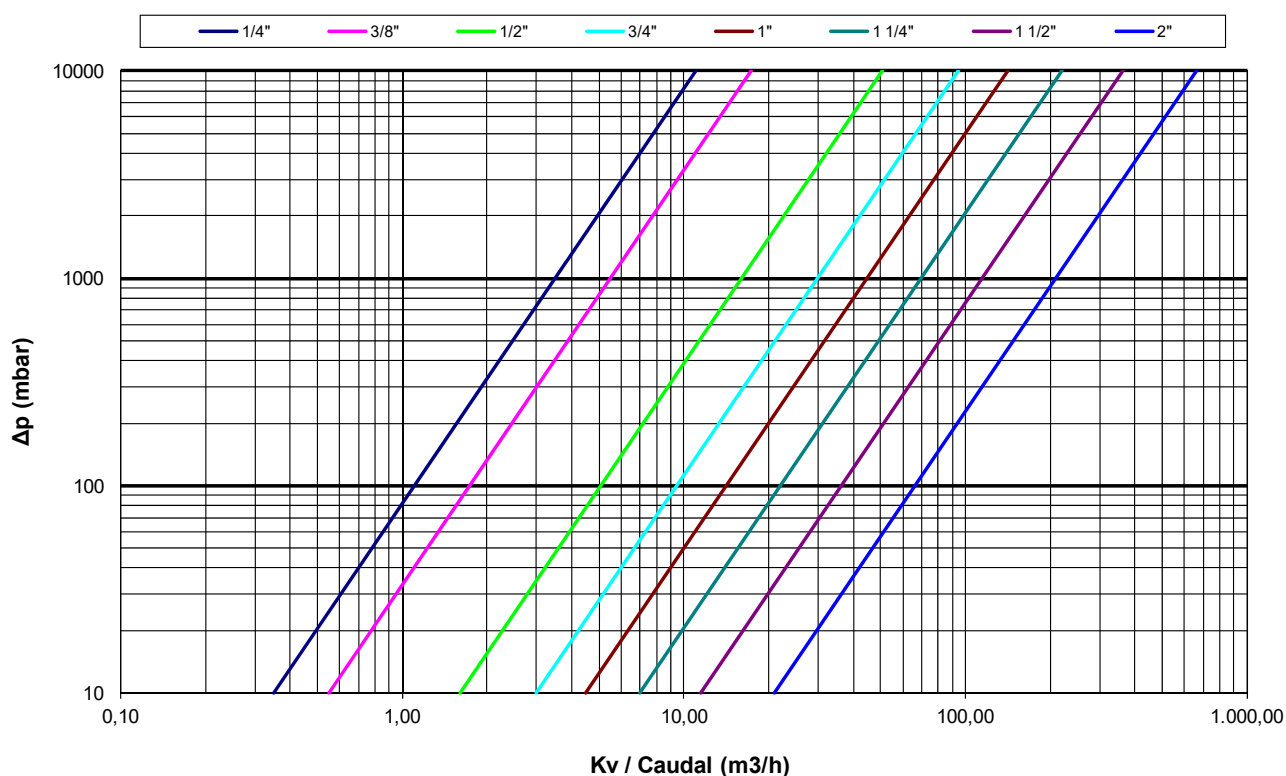
(Válvulas paso total roscadas / Threaded ends full bore ball valves)

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 | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2"  |
|---------------|------|------|------|------|----|--------|--------|-----|
| Kv            | 3.5  | 5.5  | 16   | 30   | 45 | 70     | 115    | 210 |



## CURVA PRESIÓN - TEMPERATURA / PRESSURE - TEMPERATURE RATING

