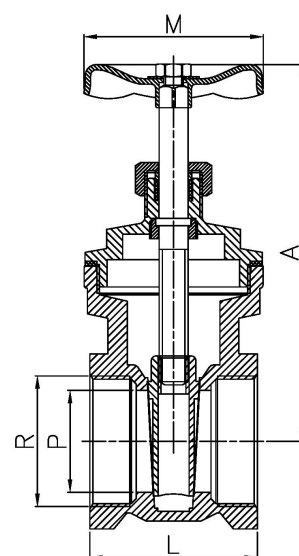
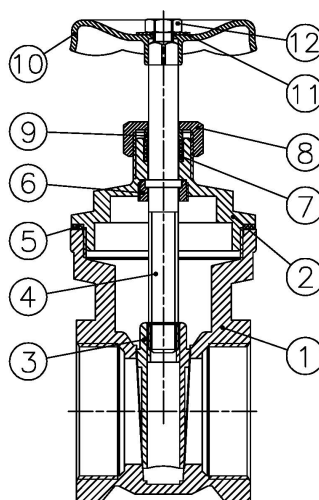
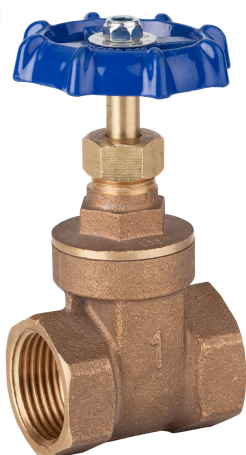


## Art.: 3229

### Válvula de compuerta bronce / Bronze Gate valve

| Características                                                                        | Features                                                                                        |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1. Válvula de compuerta, paso estándar                                                 | 1. Gate valve, standard bore.                                                                   |
| 2. Construcción en bronce s/ UNE-EN 1982                                               | 2. Bronze according to UNE-EN 1982                                                              |
| 3. Resto de materiales definidos en tabla adjunta                                      | 3. Other materials in the attached table                                                        |
| 4. Extremos roscados hembra (BSP) gas según ISO 228/1                                  | 4. Female threaded (BSP) gas ends according to ISO 228/1                                        |
| 5. Empaquetadura anillo PTFE                                                           | 5. Stem packing PTFE                                                                            |
| 6. Presión máxima de trabajo 20 bar (PN-20)                                            | 6. Maximum working pressure 20 bar (PN-20)                                                      |
| 7. Máxima temperatura trabajo 180°C.                                                   | 7. Maximum working temperature 180°C.                                                           |
| 8. Apto para agua fría, caliente y fluidos compatibles con el material de construcción | 8. Suitable for cold and hot water and other fluids compatibles with the construction materials |
| 9. Cumple con la DWD 2020/2184/UE. Calidad del agua de consumo humano.                 | 9. Complies with DWD 2020/2184/EU. Quality of water intended for human consumption.             |
| 10. Cumple con el RD03/2023. Criterios para la calidad del agua de consumo humano.     | 10. 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                | Bronce / Bronze (CC491K)             | Granallado / Peened                     |
| 2  | Tapa / Bonnet                | Bronce / Bronze (CC491K)             | Granallado / Peened                     |
| 3  | Compuerta / Gate             | Bronce / Bronze (CC491K)             | Granallado / Peened                     |
| 4  | Eje / Stem                   | Latón / Brass                        | -                                       |
| 5  | Junta tapa / Bonnet joint    | PTFE                                 | -                                       |
| 6  | Anillo / Stem ring           | Latón / Brass                        | -                                       |
| 7  | Anillo prensa / Stem packing | PTFE                                 | -                                       |
| 8  | Tuerca prensa / Packing nut  | Latón / Brass                        | -                                       |
| 9  | Anillo prensa / Packing ring | Latón / Brass                        | -                                       |
| 10 | Volante / Handle wheel       | Aluminio / Aluminium                 | Pintado / Painted                       |
| 11 | Arandela / Name plate        | Aluminio / Aluminium                 | -                                       |
| 12 | Tuerca / Nut                 | Acero inox 201 / Stainless steel 201 | -                                       |

| Ref.    | Medida / Size<br>R | PN | Dimensiones / Dimensions (mm) |     |    |     | M | Peso /<br>Weight (Kg) |
|---------|--------------------|----|-------------------------------|-----|----|-----|---|-----------------------|
|         |                    |    | P                             | A   | L  |     |   |                       |
| 3229 04 | 1/2"               | 20 | 14                            | 76  | 49 | 54  |   | 0,240                 |
| 3229 05 | 3/4"               | 20 | 18                            | 89  | 52 | 60  |   | 0,327                 |
| 3229 06 | 1"                 | 20 | 23                            | 100 | 60 | 64  |   | 0,486                 |
| 3229 07 | 1 1/4"             | 20 | 27                            | 109 | 64 | 74  |   | 0,740                 |
| 3229 08 | 1 1/2"             | 20 | 35                            | 125 | 70 | 80  |   | 1,008                 |
| 3229 09 | 2"                 | 20 | 45                            | 150 | 74 | 88  |   | 1,566                 |
| 3229 10 | 2 1/2"             | 20 | 58                            | 188 | 88 | 110 |   | 3.229                 |

## DIAGRAMA PÉRDIDA DE CARGA / HEAD LOSS CHART

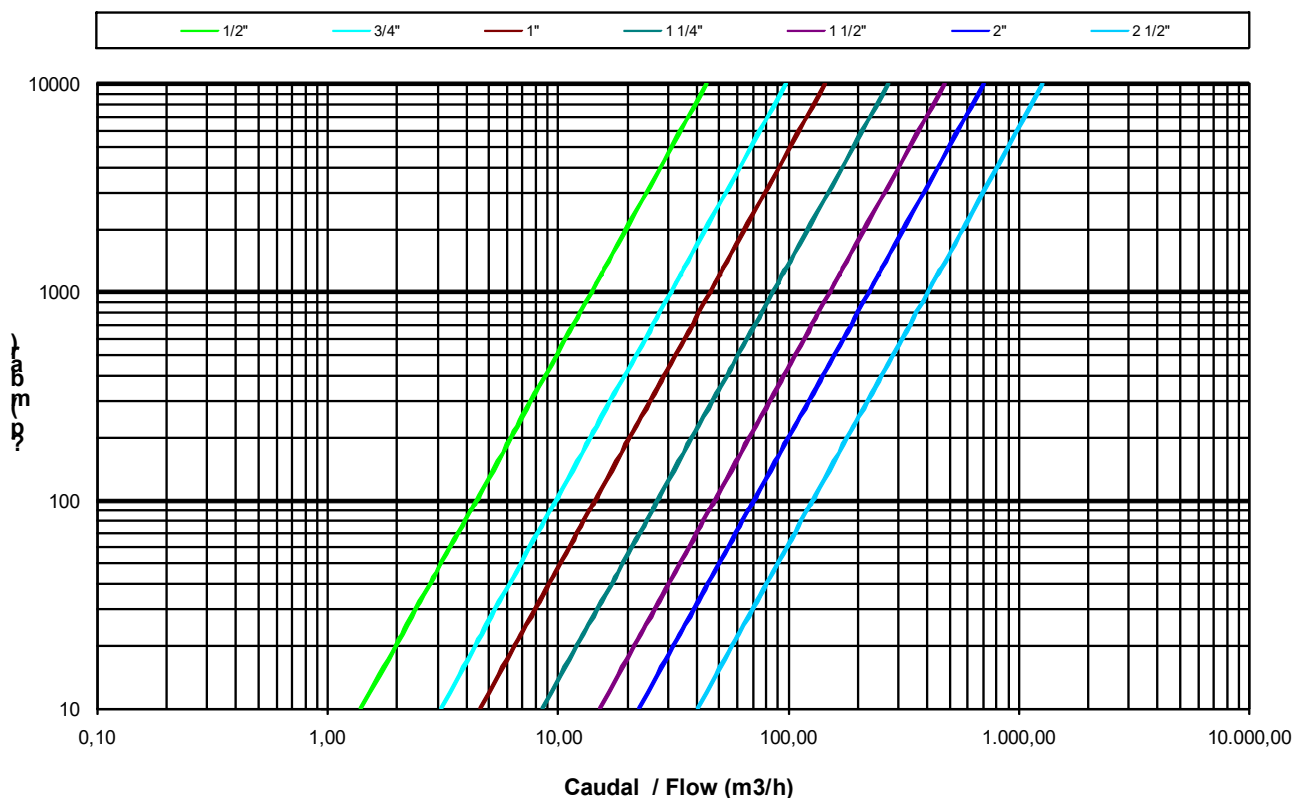
(Válvulas paso reducido roscadas / Threaded ends reduced bore ball valves)

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 | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2"  | 2 1/2" |
|---------------|------|------|----|--------|--------|-----|--------|
| Kv            | 14   | 31   | 46 | 86     | 152    | 226 | 405    |



## CURVA PRESIÓN - TEMPERATURA / PRESSURE - TEMPERATURE RATING

