

## ARTICULO: 2525

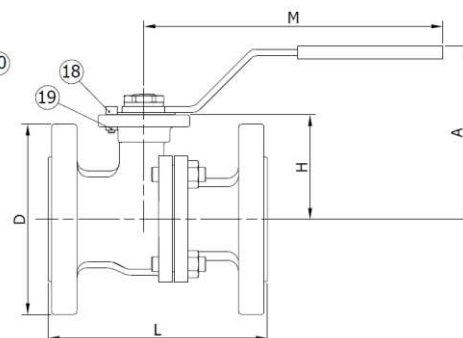
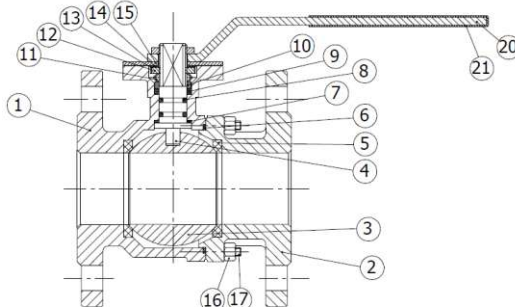
### **Válvula de esfera paso total Bridada, Fund. Nodular** **Ductile Iron full port ball valve, Flanged ends**

#### Características

1. Válvula de esfera paso total, 2 piezas.
2. Extremos bridados según EN 1092 PN16.
3. Construcción en EN-GJS-400 (GGG-40).
4. Longitud entre caras según EN 558 serie 27
5. Asientos PTFE + 15 % F.V.  
(otro material consultar)
6. Esfera y eje Inoxidable AISI 304.
7. Tórica en el eje de FKM (Viton).
8. Vástago inexpulsable.
9. Montaje directo para actuadores s/ ISO 5211.
10. Dispositivo de Bloqueo de Seguridad.
11. Presión de trabajo máxima 16 bar.
12. Temperatura de trabajo -30 °C + 180 °C.

#### Features

1. Full port ball valve, 2 pieces.
2. Flanged ends according to EN 1092 PN16.
3. Made of Ductile Iron EN-GJS-400 (GGG-40).
4. Face to Face according to EN 558 series 27.
5. Ball seats PTFE + 15 % FG  
(please ask for other materials)
6. Ball and Stem made of AISI 304.
7. O'ring in the stem FKM (Viton).
8. Blow-out proof stem.
9. Direct Mounting for actuator acc. to ISO 5211.
10. Block System.
11. Max. Working pressure 16 bar.
12. Working Temperature -30 °C + 180 °C.

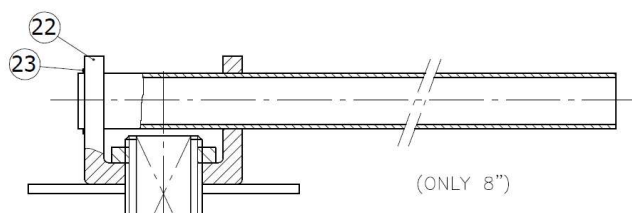


| Nº | Denominación / Name          | Material                                       | Acabado Superficial / Surface Treatment | Cód. Recambio Spare Part Code |
|----|------------------------------|------------------------------------------------|-----------------------------------------|-------------------------------|
| 1  | Cuerpo / Body                | Fund. Nodular / Ductile Iron<br>EN-GJS-400     | Pintado exterior / Painted outside      | -----                         |
| 2  | Tapa / Cap                   | Fund. Nodular / Ductile Iron<br>EN-GJS-400     | Pintado exterior / Painted outside      | -----                         |
| 3  | Bola / Ball                  | Acero Inoxidable / Stainless Steel<br>1.4308   | Pulido / Polished                       | -----                         |
| 4  | Eje / Stem                   | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                                   | -----                         |
| 5* | Asiento / Ball seat          | PTFE + 15% F.V. / PTFE + 15% FG                | -----                                   | 2825                          |
| 6* | Junta / Gasket               | PTFE                                           | -----                                   | 2825                          |
| 7* | Arandela / Thrust Washer     | PTFE                                           | -----                                   | 2825                          |
| 8* | Tórica / O' ring             | FKM                                            | -----                                   | 2825                          |
| 9* | Empaquetadura / Stem packing | PTFE                                           | -----                                   | 2825                          |
| 10 | Anillo Prensa / Gland        | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                                   | -----                         |
| 11 | Arandela / Spring Washer     | Acero Inoxidable / Stainless Steel<br>AISI 301 | -----                                   | -----                         |
| 12 | Tuerca / Nut                 | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                                   | -----                         |

|    |                                 |                                                |                       |       |
|----|---------------------------------|------------------------------------------------|-----------------------|-------|
| 13 | Antigiro / Lock Washer          | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |
| 14 | Arandela / Washer               | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |
| 15 | Placa Tope / Stop plate         | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |
| 16 | Perno / Stud Bolt               | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |
| 17 | Tuerca / Nut                    | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |
| 18 | Pin tope / Stopper pin          | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |
| 19 | Tuerca / Nut                    | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |
| 20 | Maneta / Handle                 | Acero al Carbono / Carbon Steel                | Zincado / Zinc Plated | ----- |
| 21 | Funda maneta / Handle sleeve    | Vinilo / Vinyl                                 | -----                 | ----- |
| 22 | Soporte maneta / Handle support | Acero al Carbono / Carbon Steel                | Zincado / Zinc Plated | ----- |
| 23 | Retén / Retainer                | Acero Inoxidable / Stainless Steel<br>AISI 304 | -----                 | ----- |

\* Piezas de recambio disponibles / Available spare parts

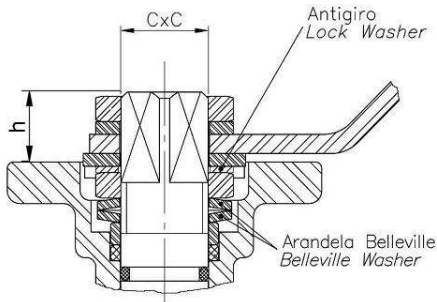
## Detalle maneta DN200 (8") / Handle detail size DN200 (8")



## DIMENSIONES GENERALES / GENERAL DIMENSIONS

| Ref.    | Medida<br>Size | PN | Dimensiones / <i>Dimensions</i> (mm) |     |     |     |     |       |      |         | ISO 5211 | Peso /<br>Weight<br>(Kg) |
|---------|----------------|----|--------------------------------------|-----|-----|-----|-----|-------|------|---------|----------|--------------------------|
|         |                |    | D                                    | A   | L   | M   | H   | CxC   | h    |         |          |                          |
| 2525 04 | 1/2"           | 16 | 95                                   | 80  | 115 | 130 | 50  | 9x9   | 9,5  | F03/F04 | 2,300    |                          |
| 2525 05 | 3/4"           | 16 | 105                                  | 80  | 120 | 130 | 55  | 9x9   | 9,5  | F03/F04 | 2,800    |                          |
| 2525 06 | 1"             | 16 | 115                                  | 90  | 125 | 170 | 60  | 11x11 | 11,5 | F04/F05 | 4,100    |                          |
| 2525 07 | 1 ¼"           | 16 | 140                                  | 102 | 130 | 170 | 74  | 11x11 | 11,5 | F04/F05 | 5,400    |                          |
| 2525 08 | 1 ½"           | 16 | 150                                  | 110 | 140 | 220 | 78  | 14x14 | 15,5 | F05/F07 | 6,900    |                          |
| 2525 09 | 2"             | 16 | 165                                  | 120 | 150 | 220 | 86  | 14x14 | 15,5 | F05/F07 | 9,300    |                          |
| 2525 10 | 2 ½"           | 16 | 185                                  | 140 | 170 | 284 | 98  | 17x17 | 18,5 | F07/F10 | 14,000   |                          |
| 2525 11 | 3"             | 16 | 200                                  | 150 | 180 | 284 | 114 | 17x17 | 18,5 | F07/F10 | 18,300   |                          |
| 2525 12 | 4"             | 16 | 220                                  | 180 | 190 | 360 | 136 | 17x17 | 18,5 | F07/F10 | 25,300   |                          |
| 2525 13 | 5"             | 16 | 250                                  | 215 | 325 | 447 | 165 | 17x17 | 18,5 | F07/F10 | 37,000   |                          |
| 2525 14 | 6"             | 16 | 285                                  | 240 | 350 | 560 | 190 | 22x22 | 23   | F10/F12 | 49,500   |                          |
| 2525 16 | 8"             | 16 | 340                                  | 320 | 400 | 850 | 229 | 27x27 | 25   | F12/F14 | 98,000   |                          |

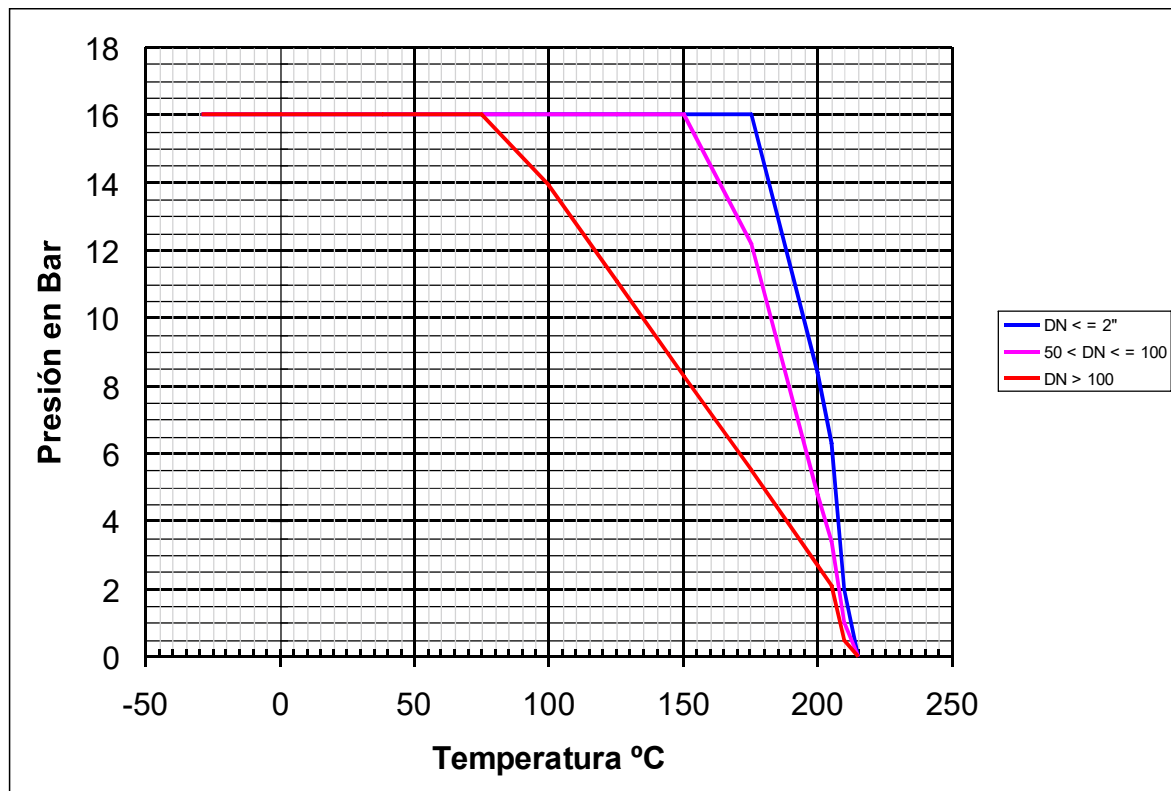
## Detalle de la zona de Eje / *Stem detail*



**Antigiro / Lock Washer:** Previene el desajuste de la tuerca del eje en elevados ciclos de maniobra / *Prevents unthreading of stem nut in high cycle automation applications.*

**Arandela Belleville / Belleville Washer:** Las arandelas belleville proporcionan una carga constante sobre el prensa asegurando un cierre firme en variaciones de condiciones de trabajo. / *Standard belleville washers provide constant "live load" on the stem seals, assuring a tight seal even varying service parameters.*

## CURVA PRESION TEMPERATURA / *PRESSURE TEMPERATURE RATING*



## VALORES DE Kv / Kv VALUES

Kv = Es la cantidad de metros cúbicos por hora ( $m^3/h$ ) que pasará a través de la válvula generando una pérdida de carga de 1 bar.

*Kv = Flow rate of water in cubic meter per hour ( $m^3/h$ ) that will generate a pressure drop of 1 bar across the valve.*

| 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2"  | 2 1/2" | 3"  | 4"   | 5"   | 6"   | 8"   |
|------|------|----|--------|--------|-----|--------|-----|------|------|------|------|
| 19   | 40   | 65 | 110    | 180    | 365 | 495    | 970 | 1620 | 2530 | 4050 | 8650 |

