

# VÁLVULAS DE BOLA / BALL VALVES

## VÁLVULA DE BOLA WAFER INOX AISI-316 CONEXIÓN BRIDAS ANSI 300 Lbs WAFER BALL VALVE S.STEEL AISI-316 CONNECTION FLANGES ANSI 300Lbs

**TECFLW®**

**TF-BVSSEF-W300**



**MATERIALES / CONSTRUCTION:**  
DN-1/2" / DN-2"

| No. | Pieza<br>Part                        | Material<br>Material              |
|-----|--------------------------------------|-----------------------------------|
| 1   | Cuerpo<br>Body                       | AISI-316                          |
| 2   | Casquillo<br>Bush                    | AISI-316                          |
| 3   | Bola<br>Ball                         | AISI-316                          |
| 4   | Eje<br>Stem                          | AISI-316                          |
| 5   | Asiento<br>Seat                      | PTFE                              |
| 6   | Junta lateral<br>Lateral gasket      | PTFE                              |
| 7   | Junta Tórica<br>O-ring               | NBR                               |
| 8   | Anillo superior<br>O-ring            | PTFE                              |
| 9   | Anillo eje<br>O-ring stem            | FKM                               |
| 10  | Empaquetadura<br>packing             | PTFE                              |
| 11  | Casquillo<br>Gland                   | Inox AISI-304<br>S.Steel AISI-304 |
| 12  | Anillo elástico<br>Elastic ring      | Inox AISI-304<br>S.Steel AISI-304 |
| 13  | Muelles cónicos<br>Belleville spring | Inox AISI-301<br>S.Steel AISI-301 |
| 14  | Tuerca<br>Nut                        | Inox AISI-304<br>S.Steel AISI-304 |
| 15  | Placa Arandela<br>Washer             | Inox AISI-304<br>S.Steel AISI-304 |
| 17  | Tuerca maneta<br>Handle nut          | Inox AISI-304<br>S.Steel AISI-304 |
| 18  | Maneta<br>Handle                     | Inox AISI-304<br>S.Steel AISI-304 |
| 19  | Tope posición<br>Stop position       | Inox AISI-304<br>S.Steel AISI-304 |

### UTILIZACIÓN / APPLICATION :

Industria química y farmacéutica, biogas, instalaciones gases, aire comprimido.  
Chemical and pharmaceutical industries, Gas, compressed air.

### CARACTERÍSTICAS GENERALES / GENERAL CHARACTERISTICS :

Medidas / Range: DN-1/2" - DN-2"

Paso Total / Full Bore.

Eje anti-expulsión / Anti blow-out stem

Dispositivo Anti-estático STD > DN25 / Anti static device STD > DN25.

Asientos PTFE / PTFE seats.

Acoplamiento ISO 5211 / Mounting Pad ISO 5211

Taladros Rosca Métrica en las bridas / Metric threaded holes flanges

Opcional asientos de grafito / Optional graphite seats

### NORMATIVAS / STANDARDS :

Prescripciones generales / according to BS EN ISO 17292:2004

Directiva CE / Directive 2014/68/EU: CE Nº 0035 Risk Category II module D1

ANSI 300# R.F. / flanges according to ANSI 300# R.F.

TÜV TA Luft para sientos de PTFE / TÜV TA Luft only PTFE seats

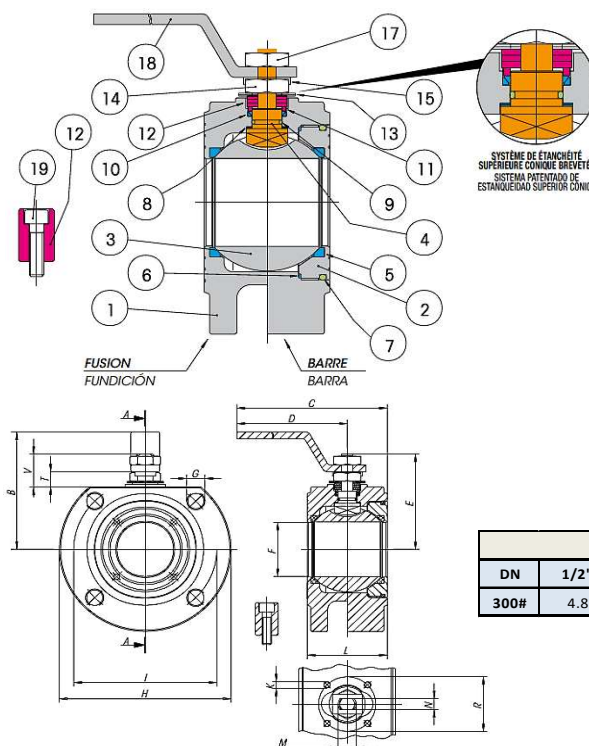
Certificaciones / certificate FIRE SAFE según / to BS 6755 - API 6 FA - API 607

Certificado ATEX y DVGW opcional / Optional ATEX and DVGW

### CONDICIONES DE SERVICIO / WORKING CONDITIONS :

Máxima presión de trabajo / Maximum Working Pressure : ANSI 300Lbs.

Temperatura máxima de trabajo / Maximum Working Temperature : - 20 °C / + 180 °C.



Atex CE 112 G D\*

| Par / torque Nm |      |      |      |        |        |    |
|-----------------|------|------|------|--------|--------|----|
| DN              | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2" |
| 300#            | 4.8  | 8.5  | 11.3 | 19     | 28     | 39 |

### DIMENSIONES / DIMENSIONS

| DN ND  | B   | C   | D   | E    | F  | G   | H     | K  | I     | L  | M   | N  | R  | T±1 | V±0,5 | N°G | RATING | Kv  | ISO | Peso<br>Weight |
|--------|-----|-----|-----|------|----|-----|-------|----|-------|----|-----|----|----|-----|-------|-----|--------|-----|-----|----------------|
| 1/2"   | 66  | 161 | 140 | 48   | 15 | M12 | 95,2  | M5 | 66,7  | 42 | M10 | 6  | 36 | 3   | 12    | 4   | 300    | 20  | F03 | 2,10           |
| 3/4"   | 73  | 163 | 140 | 55,5 | 20 | M16 | 117,5 | M5 | 82,5  | 46 | M10 | 6  | 36 | 3   | 12    | 4   | 300    | 60  | F03 | 2,90           |
| 1"     | 90  | 205 | 180 | 68,3 | 25 | M16 | 123,8 | M5 | 88,9  | 50 | M12 | 8  | 42 | 11  | 21    | 4   | 300    | 100 | F04 | 3,67           |
| 1 1/4" | 95  | 207 | 180 | 73   | 32 | M16 | 133   | M5 | 99    | 54 | M12 | 8  | 42 | 7   | 19    | 4   | 300    | 130 | F04 | 5,20           |
| 1 1/2" | 109 | 263 | 230 | 87,5 | 40 | M20 | 155,6 | M6 | 114,3 | 66 | M16 | 10 | 50 | 14  | 29    | 4   | 300    | 170 | F05 | 8,21           |
| 2"     | 116 | 272 | 230 | 94,5 | 50 | M16 | 165,1 | M6 | 127,0 | 83 | M16 | 10 | 50 | 14  | 29    | 8   | 300    | 280 | F05 | 11,57          |