# VÁLVULAS DE BOLA / BALL VALVES

## VÁLVULA DE BOLA CLASE 800 Lbs. ACERO CARBONO A-105 / INOX-316. BSP-NPT-SW

*BALL VALVE CLASS 800 CARBON STEEL A-105 / S. STEEL-316. BSP-NPT-SW*

VALVESEAL
valves & sealing solutions

**TF-BV800-T**



FIRE SAFE

### UTILIZACIÓN / *APPLICATION* :

Industria química, petroquímica y farmacéutica, instalaciones hidráulicas, Gas.
*Chemical and pharmaceutical industries, petrochemical industries, hydraulic installation, Gas.*

### CARACTERÍSTICAS GENERALES / *GENERAL CHARACTERISTICS* :

Medidas / *Range:* DN-1/4" - 2".
Paso Total / *Full Bore.*
Eje anti-expulsión / *Anti blow-out stem*
Asientos: PTFE + CARBON GRAFITO / *PTFE filled with Carbon Graphite seat.*
Fire Safe / *Fire safe according to* B.S. 6755 part.2
Acabado Galvanizado para tipo CS / *Galvanization treatment of zinc anti-corrosion coating, 8µ thickness, CS type*
Sistema de bloqueo candado opcional / *Optional Locking device.*
Clase 800 acero carbono CS e inox SS / *Class 800 carbon steel CS and stainless steel SS*

### NORMATIVAS / *STANDARDS* :

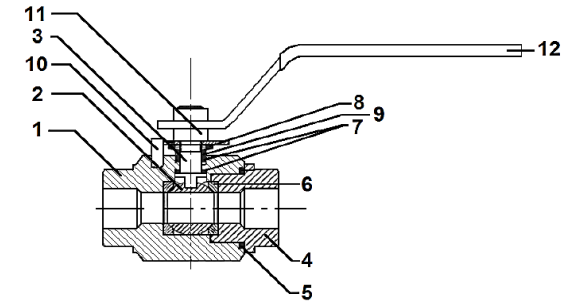
Fabricación */ Manufacture according to* ISO 9001 : 2008
Directiva CE / *Directive 2014/68/EU:* CE Nº 0948 Risk Category III module B+C1
Diseño / *designing according to* ASME B16.34
Pruebas de presión / *Pressure Tests according to* EN API 598, table 6
Rosca BSP / *Female cylindrical BSP threaded ends according to* ISO 228-1
Rosca NPT / *NPT threaded ends according to* ANSI B2.1
ATEX / *ATEX:* Group II Category 2 G/2D Zone 1 & 21 Zone 2 &22 ( Marcado opcional */ optional marking* )
NACE / *Materials according to* NACE MR 01-75

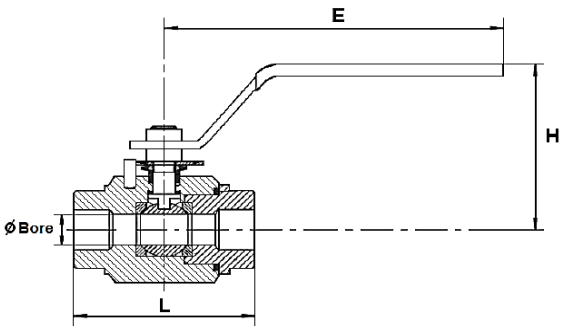
### CONDICIONES DE SERVICIO / *WORKING CONDITIONS* :

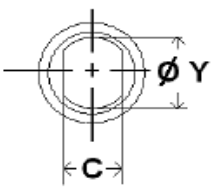
Máxima presión de trabajo / *Maximum Working Pressure* : 138 bar.
Temperatura máxima de trabajo / *Maximum Working Temperature* : - 30 °C (SS), - 20 °C (CS) / + 180 °C.
Uso con Vapor / *Steam :* 10 bar max.

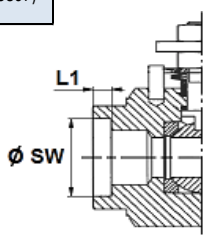
### MATERIALES / *CONSTRUCTION* :

| No. | Pieza *Part* | Material CS *Material* | Material SS *Material* |
|---|---|---|---|
| 1 | Cuerpo *Body* | ASTM A105N | ASTM A182 F316L |
| 2 | Bola *Ball* | ASTM A182 F316L | ASTM A182 F316L |
| 3 | Eje *Stem* | ASTM A182 F316L | ASTM A182 F316L |
| 4 | Terminales *Ends* | ASTM A105N | ASTM A182 F316L |
| 5 | Junta cuerpo *Body gasket* | Grafito *Graphite* | Grafito *Graphite* |
| 6 | Asiento *Seat* | PTFE + Graphite | PTFE + Graphite |
| 7 | Junta eje *Stem gasket* | Grafito *Graphite* | Grafito *Graphite* |
| 8 | Arandela autoprensante *Disc springs* | Acero *Steel* | Acero *Steel* |
| 9 | Prensa Empaquetadura *Packing gland* | ASTM A105 | ASTM A182 F304 |
| 10 | Tope *Stop* | FE P11 (UNI 5867) | FE P11 (UNI 5867) |
| 11 | Tuerca *Nut* | Acero 6S *Steel 6S* | Acero 6S *Steel 6S* |
| 12 | Maneta *Handle* | FE P11 (UNI 5867) | FE P11 (UNI 5867) |




### DIMENSIONES / *DIMENSIONS* :

| DN ND | ØBore | L | E | H | C | ØY | ØSW | L1 | Peso Weight |
|---|---|---|---|---|---|---|---|---|---|
| 1/4" | 10 | 67 | 148 | 72 | 5 | 8 | 14,3 | 9.5 | 0,60 |
| 3/8" | 10 | 67 | 148 | 72 | 5 | 8 | 17,8 | 9.5 | 0,60 |
| 1/2" | 15 | 75 | 148 | 75 | 5.5 | 10 | 21,8 | 9.5 | 0,80 |
| 3/4" | 20 | 90 | 180 | 85 | 7.5 | 12 | 27,3 | 11.5 | 1,50 |
| 1" | 25 | 105 | 180 | 95 | 7.5 | 12 | 34,0 | 13 | 2,00 |
| 11/4" | 30 | 120 | 240 | 100 | 9 | 14 | 42,6 | 14 | 3,30 |
| 11/2" | 38 | 135 | 240 | 105 | 9 | 14 | 48,7 | 16 | 4,50 |
| 2" | 48 | 155 | 280 | 115 | 9 | 14 | 61,3 | 17 | 6,00 |

Las especificaciones del producto están sujetas a modificaciones sin previo aviso. *The specifications of the presented products are open to modifications without previous advice.*

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