# VÁLVULAS DE FUELLE / BELLOW VALVES

## VÁLVULA DE GLOBO CON FUELLE A. CARBONO GS-C25 CON BRIDAS DIN PN-16

## *BELLOW GLOBE VALVE C. STEEL GS-C25 FLANGED ENDS DIN NP-16*

TECFLOW®

**TF-BGLV-CS-F**

### UTILIZACIÓN / *APPLICATION* :

Aplicaciones en Industria, vapor, aceite térmico, etc.
*Industries, stem, thermal oil, etc.*

### CARACTERÍSTICAS GENERALES / *GENERAL CHARACTERISTICS* :

Medidas / *Sizes:* DN-15 to DN-400
Bridas PN-16 RF / *NP16 Flanges RF.*
Montaje Horizontal o Vertical / *Horizontal or Vertical position.*
Flecha indicadora de posición / *Position indicator arrow.*
Tapa atornillada / Bolted bonnet.
Husillo rotatorio no ascendente / *Rising non - rotating stem.*
Pintura Azul / *Blue painting*

### NORMATIVAS / *STANDARDS* :

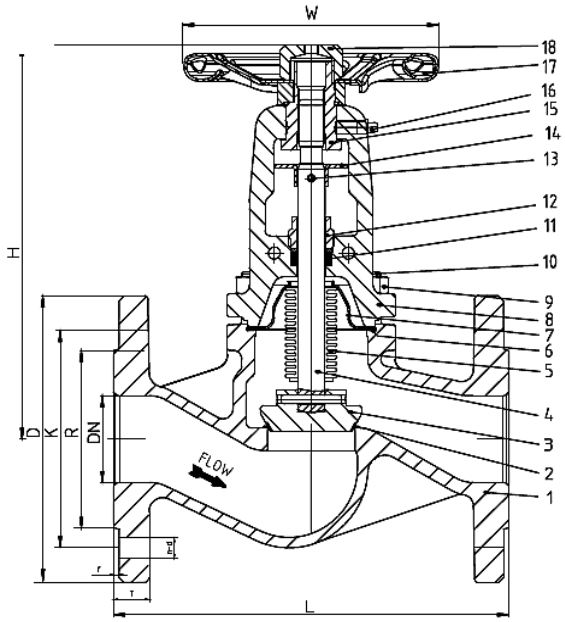
Fabricación */ Manufacture according to* ISO 9001 : 2008.
Directiva CE / *Directive 2014/68/EU: CE No.* 0035 Risk Category III Module H.
Construcción */ Construction according to* EN 13709.
Pruebas de presión / *Pressure Tests according to* DIN EN12266-2003
Bridas PN-16/40 / *Flanges PN-16/40 according to* EN 1092-1.
Longitud / *Face to Face according to* EN 558-1 Series 1.

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

Máxima presión de trabajo / *Maximum Working Pressure* : 16 bar / 40 bar (DN15-DN50)
Temperatura de trabajo / *Working Temperature* : - 29 °C (16 bar) / + 425 °C (7,2 bar).

### MATERIALES / *CONSTRUCTION* :

| No. | Pieza *Part* | Material *Material* |
|---|---|---|
| 1 | Cuerpo *Body* | Acero GS-C25 *C.Steel GS-C25* |
| 2 | Seat *Asiento* | 13Cr |
| 3 | Disco *Disc* | 13Cr |
| 4 | Eje *Stem* | 2Cr13 |
| 5 | Fuelle *Bellows* | SS304 |
| 6 | Junta *Gasket* | Inox+Grafito *SS+Graphite* |
| 7 | Tapa Fuelle *Bellows Cover* | SS304 |
| 8 | Bonete *Bonnet* | Acero GS-C25 *C.Steel GS-C25* |
| 9 | Tuerca *Nut* | ASTM A194 Gr.2H |
| 10 | Tornillo *Bolt* | A193 Gr.B7 |
| 11 | Empaquetadura *Packing* | Grafito *Graphite* |
| 12 | Prensa *Packing Gland* | A276 410 |
| 13 | Pasador *Pin* | A276 410 |
| 14 | Guía *Guide Piece* | 35# |
| 15 | Tuerca Eje *Stem Nut* | GGG-40 |
| 16 | Engrasador *Grease Nipple* | H2 |
| 17 | Volante *Hand-Wheel* | Acero carbono *Carbon Steel* |
| 18 | Tuerca Apriete *Lock Nut* | 1020 |




### DIMENSIONES / *DIMENSIONS* :

| DN ND | L | D | K | R | n-Ø d | T | f | H | W | Peso PN-16 Weight | Peso PN-40 Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 130 | 95 | 65 | 45 | 4-Ø14 | 16 | 2 | 196 | 140 | | 4 |
| 20 | 150 | 105 | 75 | 58 | 4-Ø14 | 18 | 2 | 196 | 140 | | 5 |
| 25 | 160 | 115 | 85 | 68 | 4-Ø14 | 18 | 2 | 205 | 140 | | 6 |
| 32 | 180 | 140 | 100 | 78 | 4-Ø18 | 18 | 2 | 205 | 140 | | 8 |
| 40 | 200 | 150 | 110 | 88 | 4-Ø18 | 18 | 3 | 222 | 160 | | 10 |
| 50 | 230 | 165 | 125 | 102 | 4-Ø18 | 18 | 3 | 224 | 180 | | 13 |
| 65 | 290 | 185 | 145 | 122 | 4-Ø18 | 18 | 3 | 240 | 200 | 17 | |
| 80 | 310 | 200 | 160 | 138 | 8-Ø18 | 20 | 3 | 265 | 220 | 22 | |


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



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# VÁLVULAS DE FUELLE / BELLOW VALVES

## VÁLVULA DE GLOBO CON FUELLE A. CARBONO GS-C25 CON BRIDAS DIN PN-16

*BELLOW GLOBE VALVE C. STEEL GS-C25 FLANGED ENDS DIN NP-16*

**TF-BGLV-CS-F**

TECFLOW®

ISO 9001 BUREAU VERITAS Certification

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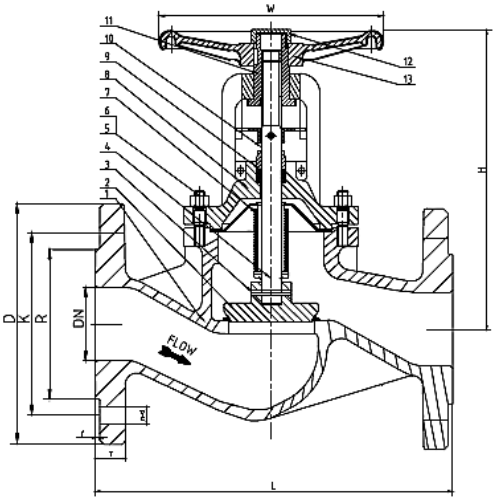
**MATERIALES** / *CONSTRUCTION* :

| No. | Pieza *Part* | Material *Material* |
|---|---|---|
| 1 | Cuerpo *Body* | Acero GS-C25 *C.Steel GS-C25* |
| 2 | Disco *Disc* | 13Cr |
| 3 | Pasador *Pin* | Inox / S.Steel |
| 4 | Eje *Stem* | 2Cr13 |
| 5 | Tornillo *Bolt* | A193 Gr.B7 |
| 6 | Tuerca *Nut* | ASTM A194 Gr.2H |
| 7 | Fuelle y Tapa *Bellows & Cover* | SS304 |
| 8 | Bonete *Bonnet* | Acero GS-C25 *C.Steel GS-C25* |
| 9 | Empaquetadura *Packing* | Grafito *Graphite* |
| 10 | Prensa *Packing Gland* | Acero Carbono *Cast Steel* |
| 11 | Tuerca Eje *Stem Nut* | GGG-40 |
| 12 | Tuerca Apriete *Lock Nut* | Acero Carbono *Cast Steel* |
| 13 | Volante *Hand-Wheel* | Acero Carbono *Cast Steel* |

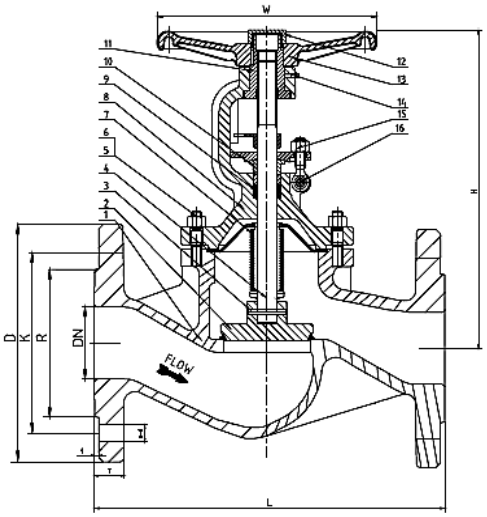



**DIMENSIONES** / *DIMENSIONS* :

| DN ND | L | D | K | R | n-Ø d | T | f | H | W | Peso PN-16 Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 350 | 220 | 180 | 158 | 8-Ø18 | 20 | 3 | 350 | 250 | 36 |
| 125 | 400 | 250 | 210 | 188 | 8-Ø18 | 22 | 3 | 380 | 280 | 52 |

**MATERIALES** / *CONSTRUCTION* :

| No. | Pieza *Part* | Material *Material* |
|---|---|---|
| 1 | Cuerpo *Body* | Acero GS-C25 *C.Steel GS-C25* |
| 2 | Disco *Disc* | 13Cr |
| 3 | Pasador *Pin* | Inox / S.Steel |
| 4 | Eje *Stem* | 2Cr13 |
| 5 | Tornillo *Bolt* | A193 Gr.B7 |
| 6 | Tuerca *Nut* | ASTM A194 Gr.2H |
| 7 | Fuelle y Tapa *Bellows & Cover* | SS304 |
| 8 | Bonete *Bonnet* | Acero GS-C25 *C.Steel GS-C25* |
| 9 | Empaquetadura *Packing* | Grafito *Graphite* |
| 10 | Prensa *Packing Gland* | Acero Carbono *Cast Steel* |
| 11 | Tuerca Eje *Stem Nut* | GGG-40 |
| 12 | Tuerca Apriete *Lock Nut* | A105 |
| 13 | Volante *Hand-Wheel* | Acero *Steel* |
| 14 | Engrasador *Grease Nipple* | H2 |
| 15 | Tuerca *Nut* | ASTM A194 Gr.2H |
| 16 | Tornillo *Bolt* | A193 Gr.B7 |




**DIMENSIONES** / *DIMENSIONS* :

| DN ND | L | D | K | R | n-Ø d | T | f | H | W | Peso PN-16 Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 150 | 480 | 285 | 240 | 212 | 8-Ø22 | 22 | 3 | 410 | 400 | 90 |

# VÁLVULAS DE FUELLE / BELLOW VALVES

## VÁLVULA DE GLOBO CON FUELLE A. CARBONO GS-C25 CON BRIDAS DIN PN-16

*BELLOW GLOBE VALVE C. STEEL GS-C25 FLANGED ENDS DIN NP-16*

**TF-BGLV-CS-F**

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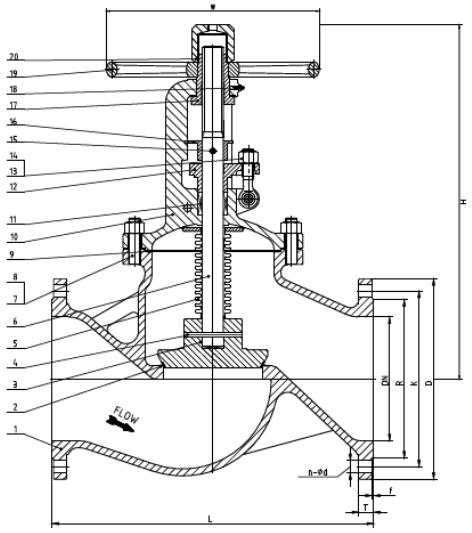
**MATERIALES** / *CONSTRUCTION* :

| No. | Pieza *Part* | Material *Material* |
|---|---|---|
| 1 | Cuerpo *Body* | Acero GS-C25 *C.Steel GS-C25* |
| 2 | Seat *Asiento* | 13Cr |
| 3 | Disco *Disc* | A105+13Cr |
| 4 | Pasador *Pin* | A.Inox AISI410 *S.Steel 410* |
| 5 | Fuelle *Bellows* | A.Inox AISI304 *S.Steel 304* |
| 6 | Eje *Stem* | 2Cr13 |
| 7 | Tornillo *Bolt* | A193 Gr.B7 |
| 8 | Tuerca *Nut* | ASTM A194 Gr.2H |
| 9 | Junta *Gasket* | Inox+Grafito *SS+Graphite* |
| 10 | Bonete *Bonnet* | Acero GS-C25 *C.Steel GS-C25* |
| 11 | Empaquetadura *Packing* | Grafito *Graphite* |
| 12 | Prensa *Flange Gland* | Acero carbono *Carbon Steel* |
| 13 | Tornillo *Bolt* | A193 Gr.B7 |
| 14 | Tuerca *Nut* | ASTM A194 Gr.2H |
| 15 | Pasador *Pin* | A.Inox AISI410 *S.Steel 410* |
| 16 | Guía *Guide Piece* | A.Inox AISI410 *S.Steel 410* |
| 17 | Tuerca Eje *Stem Nut* | GGG-40 |
| 18 | Engrasador *Grease Nipple* | H2 |
| 19 | Volante *Hand-Wheel* | Acero carbono *Carbon Steel* |
| 20 | Tuerca Volante *Handwheel Nut* | 1020 |

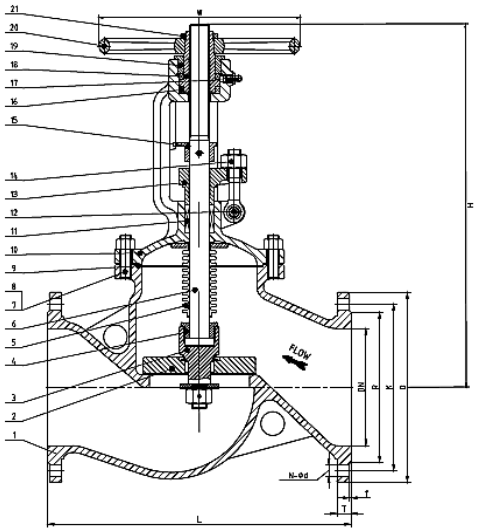



**DIMENSIONES** / *DIMENSIONS* :

| DN ND | L | D | K | R | n-Ø d | T | f | H | W | Peso PN-16 Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 600 | 340 | 295 | 268 | 12-Ø22 | 26 | 3 | 670 | 500 | 135 |

**MATERIALES** / *CONSTRUCTION* :

| No. | Pieza *Part* | Material *Material* |
|---|---|---|
| 1 | Cuerpo *Body* | Acero GS-C25 *C.Steel GS-C25* |
| 2 | Disco *Disc* | A105+13Cr |
| 3 | Disco Interno *Internal Disc* | A105+13Cr |
| 4 | Tuerca Disco *Disc Nut* | A.Inox AISI410 *S.Steel 410* |
| 5 | Fuelle *Bellows* | A.Inox AISI304 *S.Steel 304* |
| 6 | Eje *Stem* | 2Cr13 |
| 7 | Tornillo *Bolt* | A193 Gr.B7 |
| 8 | Tuerca *Nut* | ASTM A194 Gr.2H |
| 9 | Junta *Gasket* | Inox+Grafito *SS+Graphite* |
| 10 | Bonete *Bonnet* | WCB |
| 11 | Empaquetadura *Packing* | Grafito *Graphite* |
| 12 | Tornillo *Stud* | ASTM A194 Gr.2H |
| 13 | Prensa *Packing Gland* | A.Inox AISI410 *S.Steel 410* |
| 14 | Tornillo *Bolt* | A193 Gr.B7 |
| 15 | Guía *Guide Piece* | A.Inox AISI410 *S.Steel 410* |
| 16 | Rodamiento *Thrust bearing* | |
| 17 | Engrasador *Grease Nipple* | H2 |
| 18 | Tuerca Eje *Stem Nut* | GGG-40 |
| 19 | Tuerca Eje *Stem Nut* | 1035 |
| 20 | Volante *Hand-Wheel* | Acero carbono *Carbon Steel* |
| 21 | Tuerca Volante *Handwheel Nut* | 1020 |




**DIMENSIONES** / *DIMENSIONS* :

| DN ND | L | D | K | R | n-Ø d | T | f | H | W |
|---|---|---|---|---|---|---|---|---|---|
| 250 | 730 | 405 | 355 | 320 | 12-Ø26 | 29 | 3 | 775 | 550 |
| 300 | 850 | 460 | 410 | 378 | 12-Ø26 | 32 | 4 | 852 | 600 |
| 350 | 980 | 520 | 470 | 438 | 16-Ø26 | 35 | 4 | 1005 | 650 |
| 400 | 1100 | 580 | 525 | 490 | 16-Ø30 | 38 | 4 | 1140 | 700 |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