

# VÁLVULAS DE MARIPOSA / BUTTERFLY VALVES

**VÁLVULA DE MARIPOSA ASIENTO TEFLÓN PN16 LUG PN-10/16/150 Lbs**  
**BUTTERFLY VALVE PTFE SEAT PN16 LUG TYPE FOR FLANGES PN-10/16 /150 Lbs**



**TECFLOW®**

**TF-BFV-L-SS-PTFE**



## UTILIZACIÓN / APPLICATION :

Química y farmacia, aplicaciones Industriales, instalaciones con fluidos corrosivos, etc.  
 Chem & Pharm, industry, corrosive fluids, Industrial applications, etc.

## CARACTERÍSTICAS GENERALES / GENERAL CHARACTERISTICS :

Válvulas Lug de doble cuerpo / Split Body Lug type Valve design.  
 Rango desde DN40 hasta DN700 / Range from DN40 up to DN700 .  
 Cierre bidireccional / Bidirectional close.  
 Estanqueidad 100% / 100% tightness.  
 Palanca de 9 posiciones hasta DN150 / 9 positions handle with locking device up to DN150.  
 Pletina montaje ISO 5211 / ISO 5211 mounting pad.  
 Pintura: Epoxi RAL 5017 de 250 micras / Paint: Epoxy coated body RAL 5017 with 250 microns thickness min.  
 Asiento PTFE con 4 mm de espesor y junta de silicona de 6 mm.  
 PTFE sealing ring 4 mm thickness with silicone elastic gasket of 6 mm thickness.

## NORMATIVAS / STANDARDS :

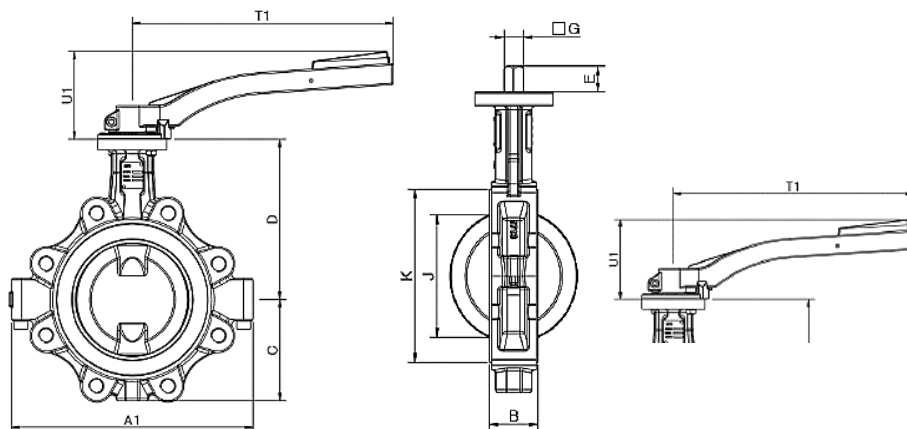
Fabricación / Manufacture according to : API609. DIN EN1092. JISB2032  
 Distancia entre caras / Face to Face : EN 558-1 Series 20.  
 Montaje para bridas / Mounting for flanges EN1092-2 PN16 / ANSI150 / JIS 10K.  
 Pruebas de estanqueidad / Tightness Test according to : API 598 - DIN 3230. JIS B2003.

## CONDICIONES DE SERVICIO / WORKING CONDITIONS:

Máxima presión de trabajo / Maximum Working Pressure:  
 DN40 - DN150: 16 Bar / DN200 - DN350: 10 bar. / DN400 - DN700: 5,5 bar.  
 Temperatura máxima de trabajo / Maximum Working Temperature : - 20 °C / + 200 °C.

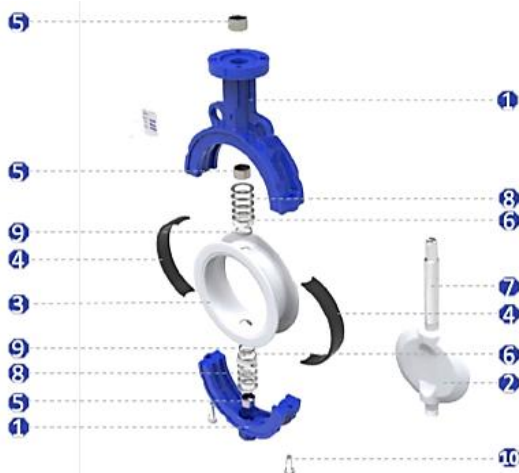
## MATERIALES / CONSTRUCTION :

| No. | Pieza<br>Part                            | Material<br>Material                  |
|-----|------------------------------------------|---------------------------------------|
| 1   | Cuerpo (*)<br>Body                       | A.Carbono A216 WCB<br>C.Steel A216WCB |
| 2   | Disco (**)<br>Disc                       | A. Inox CF8M<br>S.Steel CF8M          |
| 3   | Asiento (***)<br>Seat                    | PTFE                                  |
| 4   | Espaciador<br>Elastic Spacer             | Silicona<br>Silicone Rubber           |
| 5   | Cojinete<br>Bushing                      | A. Inox +PTFE<br>S.Steel +PTFE        |
| 6   | Prensa<br>Gland                          | A. Inox AISI304<br>S.Steel 304        |
| 7   | Eje<br>Stem                              | A.Inox AISI410<br>S.Steel 410         |
| 8   | Arandela Belleville<br>Belleville Spring | A. Inox AISI304<br>S.Steel 304        |
| 9   | Junta V<br>V-Ring                        | PTFE                                  |
| 10  | Tornillo Hexagonal<br>Hexagonal Bolt     | A.Inox AISI304<br>S.Steel 304         |
| 10  | Tornillo<br>Screw                        | A.Inox AISI304<br>S.S. 304            |
| 11  | Palanca<br>Lever                         | Aluminio (***)<br>Aluminum            |
| 12  | Tornillo y Tuerca<br>Bolt & Nut          | A.Inox AISI304<br>S.S. 304            |



## DIMENSIONES / DIMENSIONS :

| DN<br>ND | A1  | B   | E  | G  | H     | J     | K     | T1  | U1  | Par<br>Torque | ISO<br>5211 | Peso<br>Weight |
|----------|-----|-----|----|----|-------|-------|-------|-----|-----|---------------|-------------|----------------|
| 40       | 146 | 33  | 13 | 11 | 40,5  | 23,5  | 78    | 200 | 76  | 35            | F05         | 4              |
| 50       | 159 | 43  | 13 | 11 | 50,5  | 26,5  | 89,5  | 200 | 76  | 40            | F05         | 5              |
| 65       | 204 | 46  | 13 | 11 | 65,5  | 46,5  | 104,5 | 200 | 76  | 48            | F05         | 6,25           |
| 80       | 226 | 46  | 13 | 11 | 79,5  | 65    | 121,5 | 200 | 76  | 56            | F05         | 6,95           |
| 100      | 260 | 52  | 16 | 14 | 98,5  | 84    | 144   | 260 | 85  | 82            | F07         | 9,15           |
| 125      | 289 | 56  | 19 | 17 | 120,5 | 107   | 168,5 | 350 | 102 | 120           | F07         | 11,4           |
| 150      | 315 | 56  | 19 | 17 | 146,5 | 136   | 196,5 | 350 | 102 | 170           | F07         | 14,7           |
| 200      | 383 | 60  | 24 | 22 | 195,5 | 186   | 251,5 |     |     | 298           | F10         | 20,9           |
| 250      | 456 | 68  | 24 | 22 | 245,5 | 236   | 305,5 |     |     | 390           | F10         | 32,2           |
| 300      | 528 | 78  | 29 | 27 | 292,5 | 282   | 354,5 |     |     | 590           | F12         | 45,8           |
| 350      | 570 | 78  | 29 | 27 | 343,5 | 334   | 408,5 |     |     | 810           | F12         | 97             |
| 400      | 652 | 102 | 38 | 36 | 392   | 378,5 | 459   |     |     | 1260          | F14         | 119,5          |
| 450      | 672 | 114 | 38 | 36 | 446   | 431   | 516   |     |     | 1470          | F14         | 155,5          |
| 500      | 721 | 127 | 38 | 36 | 489   | 472   | 569   |     |     | 1800          | F16         | 199            |
| 600      | 852 | 154 | 48 | 46 | 588   | 567   | 669   |     |     | 2995          | F16         | 283            |
| 700      | 992 | 165 | 57 | 55 | 699,5 | 679   | 780   |     |     | 3400          | F25         | 342            |



(\*) Disponible en A.Inox CF8 y CF8M / Available in SS CF8 & CF8M.

(\*\*) Disponible en A.Inox 304 y A.Carbono WCB / Available in SS 304 & A216 WCB.

(\*\*\*) Disponible en PFA / Available in PFA.

(\*\*\*\*) Disponible en A.Inox 304 / Available in SS 304.