

# VÁLVULAS DE MARIPOSA / BUTTERFLY VALVES

## VÁLVULA DE MARIPOSA WAFER TOTAL INOX CON ASIENTO EPDM. PN16 PALANCA WAFFER TYPE BUTTERFLY VALVE FULL S.STEEL WITH EPDM SEAT. PN16 LEVER

**TECFLOW®**

**TF-BFV-W-SS**



### UTILIZACIÓN / APPLICATION :

Agua fría y caliente, agua de mar, alcoholes, hidróxido de sosa, agua demineralizada, mercurio, alcalinos  
Cold and hot water, sea water, alcohol, hydroxyd of soda, demineralized water, mercury, alcalins.

### CARACTERÍSTICAS GENERALES / GENERAL CHARACTERISTICS :

Válvulas Wafer de eje centrado / Full crossing stem wafer type design.

Rango desde DN32 hasta DN300 / Range from ND32 up to ND300 .

Cierre bidireccional / Bidirectional close.

Estanqueidad 100% / 100% tightness.

Palanca de 9 posiciones / Handle with locking device.

Pletina montaje ISO 5211 / ISO 5211 mounting pad.

### NORMATIVAS / STANDARDS :

Fabricación / Manufacture according to : ISO 9001: 2015.

Diseño / Designing according to : ISO 10631 & EN 593.

Directiva CE / Directive 2014/68/EU: CE No.0038 Risk Category III Module H.

Distancia entre caras / Face to Face : EN 558-1 Serie 20.

Montaje entre bridas / Mounting between flanges EN1092-1 PN10/16 - ANSI150.

Pruebas de estanqueidad / Tightness Test according to : EN 12266-1 Rate A.

ATEX / ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 & 22 (Optional marking).

### CONDICIONES DE SERVICIO / WORKING CONDITIONS:

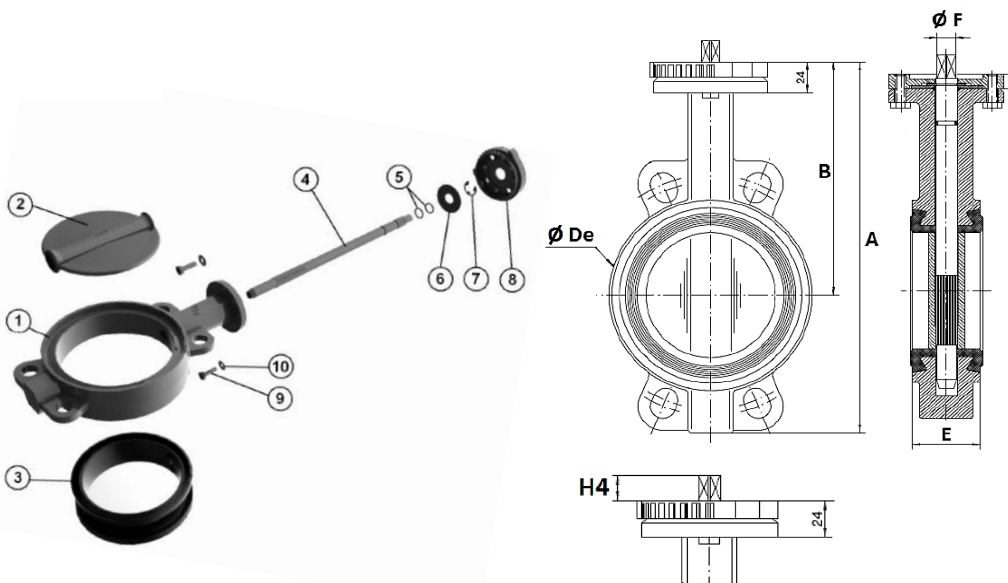
Máxima presión de trabajo / Maximum Working Pressure : 16 bar.

Temperatura máxima de trabajo / Maximum Working Temperature : - 20 °C / + 110 °C.



### MATERIALES / CONSTRUCTION :

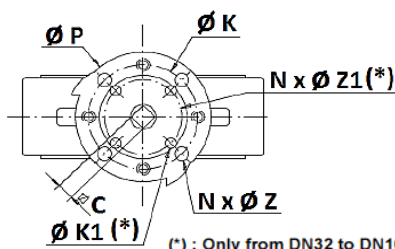
| No. | Pieza<br>Part                 | Material<br>Material     |
|-----|-------------------------------|--------------------------|
| 1   | Cuerpo<br>Body                | ASTMA351 CF8M            |
| 2   | Disco<br>Disc                 | ASTMA351 CF8M            |
| 3   | Asiento<br>Seat               | EPDM                     |
| 4   | Eje<br>Shaft                  | A.Inox AISI316<br>SS 316 |
| 5   | Junta<br>O-Ring               | NBR                      |
| 6   | Anillo<br>Ring                | A.Inox AISI316<br>SS 316 |
| 7   | Circlip<br>Circlip            | A.Inox AISI316<br>SS 316 |
| 8   | Placa<br>Plate                | ASTMA351 CF8M            |
| 9   | Tornillo Placa<br>Plate Screw | A4                       |
| 10  | Arandela<br>Washer,           | A.Inox AISI316<br>SS 316 |



### DIMENSIONES / DIMENSIONS :

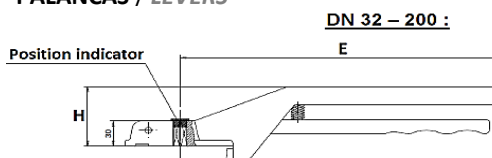
| DN<br>ND | A   | B   | ØDe | E  | ØF  | H4 | C  | ØK | ISO | NxØZ  | ØK1 | ISO 1 | NxØZ1 | Par Nm<br>Torque | NxØZ1 | Peso<br>Weight |
|----------|-----|-----|-----|----|-----|----|----|----|-----|-------|-----|-------|-------|------------------|-------|----------------|
| 32/40    | 206 | 140 | 82  | 33 | 9,5 | 14 | 8  | 70 | F07 | 4 x 9 | 50  | F05   | 4 x 7 | 9                | 4 x 7 | 2,48           |
| 50       | 228 | 156 | 102 | 43 | 9,5 | 14 | 8  | 70 | F07 | 4 x 9 | 50  | F05   | 4 x 7 | 11               | 4 x 7 | 3,66           |
| 65       | 248 | 161 | 119 | 46 | 12  | 16 | 9  | 70 | F07 | 4 x 9 | 50  | F05   | 4 x 7 | 20               | 4 x 7 | 4,4            |
| 80       | 265 | 169 | 135 | 46 | 14  | 16 | 11 | 70 | F07 | 4 x 9 | 50  | F05   | 4 x 7 | 29               | 4 x 7 | 4,6            |
| 100      | 298 | 187 | 155 | 52 | 14  | 20 | 11 | 70 | F07 | 4 x 9 | 50  | F05   | 4 x 7 | 47               | 4 x 7 | 6              |
| 125      | 331 | 206 | 185 | 56 | 17  | 20 | 14 | 70 | F07 | 4 x 9 |     |       |       | 82               |       | 7,6            |
| 150      | 349 | 215 | 208 | 56 | 17  | 20 | 14 | 70 | F07 | 4 x 9 |     |       |       | 130              |       | 9,2            |
| 200      | 430 | 255 | 270 | 60 | 21  | 24 | 17 | 70 | F07 | 4 x 9 |     |       |       | 210              |       | 14,7           |

Par en Nm CON coeficiente de seguridad del 30% para 16 Bar / Torque Values in Nm WITH 30% safety coefficient at 16 Bar.



(\*) : Only from DN32 to DN100

### PALANCAS / LEVERS



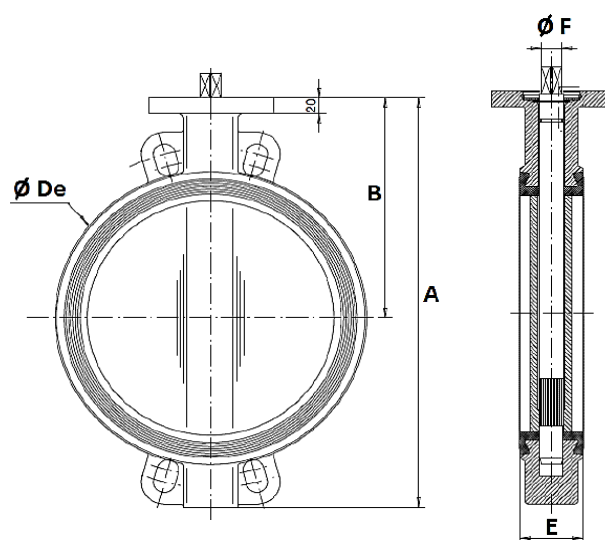
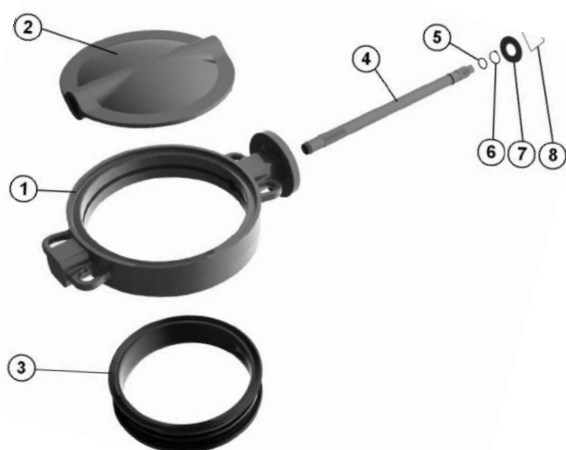
| DN ND   | E   | H  |
|---------|-----|----|
| 32-100  | 205 | 57 |
| 125-200 | 330 | 70 |

# VÁLVULAS DE MARIPOSA / BUTTERFLY VALVES

## VÁLVULA DE MARIPOSA WAFER TOTAL INOX CON ASIENTO EPDM. PN16 PALANCA WAFER TYPE BUTTERFLY VALVE FULL S.STEEL WITH EPDM SEAT. PN16 LEVER

**TECFLOW®**  
TF-BFV-W-SS

DN250-DN300



### MATERIALES / CONSTRUCTION :

| No. | Pieza<br>Part        | Material<br>Material     |
|-----|----------------------|--------------------------|
| 1   | Cuerpo<br>Body       | ASTM A351 CF8M           |
| 2   | Disco<br>Disc        | ASTM A351 CF8M           |
| 3   | Asiento<br>Seat      | EPDM                     |
| 4   | Eje<br>Shaft         | A.Inox AISI316<br>SS 316 |
| 5   | Junta<br>O-Ring      | NBR                      |
| 6   | Circlips<br>Circlips | A.Inox AISI316<br>SS 316 |
| 7   | Anillo<br>Ring       | A.Inox AISI316<br>SS 316 |
| 8   | Muelle<br>Spring     | A.Inox AISI316<br>SS 316 |

### DIMENSIONES / DIMENSIONS :

| DN<br>ND | A   | B   | ØDe | E  | ØF | H4 | C  | ØK  | ISO | NxØZ   | Par Nm<br>Torque | Peso<br>Weight |
|----------|-----|-----|-----|----|----|----|----|-----|-----|--------|------------------|----------------|
| 250      | 461 | 248 | 328 | 68 | 23 | 24 | 19 | 102 | F10 | 4 x 11 | 360              | 24,7           |
| 300      | 524 | 280 | 381 | 78 | 27 | 24 | 22 | 102 | F10 | 4 x 11 | 475              | 33             |

Par en Nm CON coeficiente de seguridad del 30% para 16 Bar.

Torque Values in Nm WITH 30% safety coefficient at 16 Bar.

### PALANCAS / LEVERS

