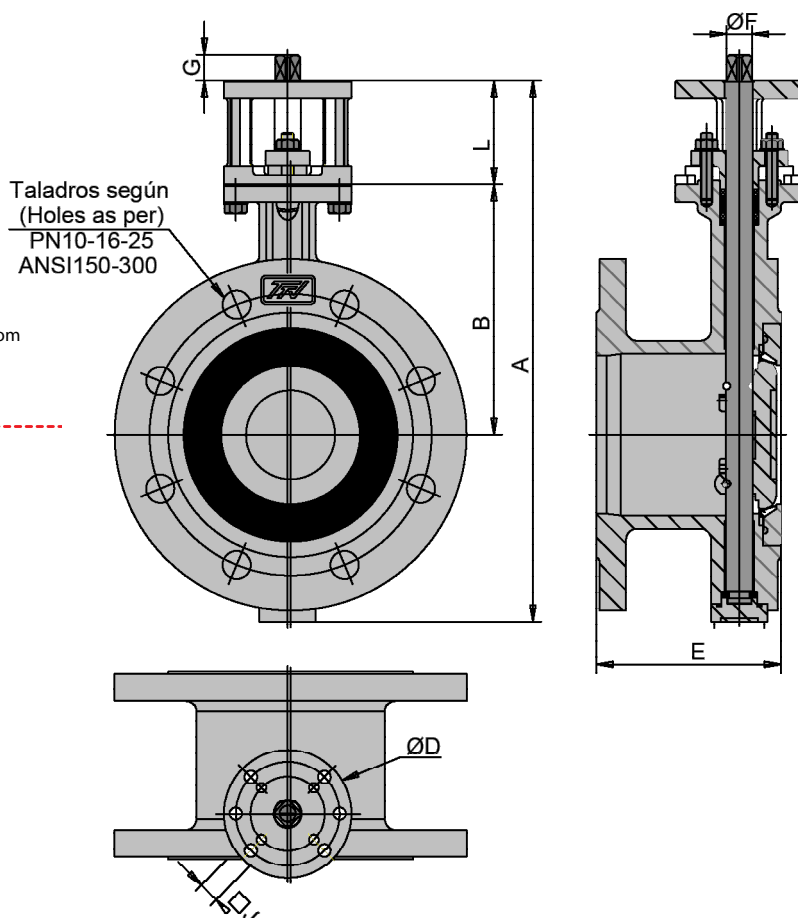
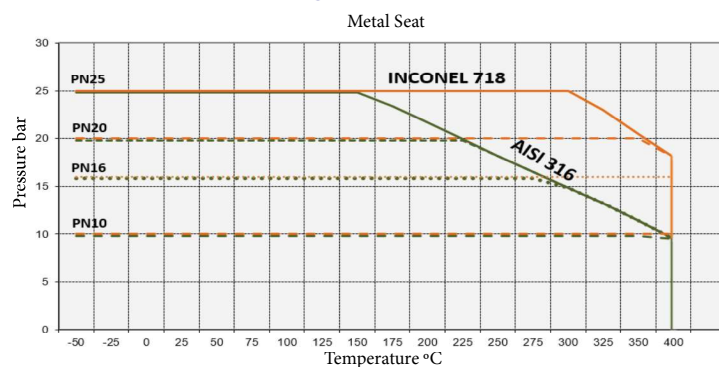


- ▶ **Body** Carbon Steel  
ASTM A216 Grade WCB
- ▶ **Shaft** Stainless Steel  
ASTM A276 F316
- ▶ **Disc** Stainless Steel  
ASTM A351 CF 8M
- ▶ **Seat** Stainless Steel  
INCONEL 718
- ▶ **Packing** Graphite
- ▶ **Temperature** -29°C up to +360°C (\*)  
Special design high temperature 600°C.  
(\*) It is recommended to install heatsink from 225°C.
- ▶ **Suitable pressure** ≤ 25 bar
- ▶ **Tolerances** ISO 2768-M
- ▶ **Face to Face** EN 558 Series 13  
ISO 5752 Series 13  
API 609 Table 3
- ▶ **Pressure test according to standards** API 598  
ISO 5208:  
Body: 1.5 × PN  
Seat: 1.1 × PN
- ▶ **Mounting between flanges** PN10/16/25  
ISO 7005, EN 1092, BS 4504  
ANSI class 150: ANSI B16.5  
ANSI class 300
- ▶ **Tightness test** ISO 5208, zero leakage  
API 598
- ▶ **PED** 2014/68
- ▶ **Atex** 2014/34/UE – Atex II 2GDC
- ▶ **TA-LUFT and ISO 15848** TA-LUFT  
ISO 15848
- ▶ **SIL** IFC 61508  
SIL 2 (Low demand mode)  
SIL 3 (Under consideration of the minimum required hardware fault tolerance HFT=1)
- ▶ **Leak class** Class V  
ISO 5208 (Rate AA)



#### ▶ Pressure-Temperature Rating



| DN  |      | A   | B   | D   | E    | F    | G  | J  | L   | ISO 5211  | Weight Kg |
|-----|------|-----|-----|-----|------|------|----|----|-----|-----------|-----------|
| mm  | inch |     |     |     |      |      |    |    |     |           |           |
| 40  | 1½"  | 181 | 121 | 86  | 33   | 10   | 14 | 9  | 70  | F05-07    | 8         |
| 50  | 2"   | 218 | 128 | 86  | 43   | 12   | 14 | 9  | 70  | F05-07    | 9         |
| 65  | 2½"  | 228 | 140 | 86  | 46.5 | 14   | 14 | 11 | 70  | F05-07    | 10        |
| 80  | 3"   | 259 | 148 | 86  | 47   | 17   | 15 | 14 | 70  | F05-07    | 12        |
| 100 | 4"   | 295 | 169 | 86  | 52   | 17   | 18 | 14 | 70  | F05-07    | 16        |
| 125 | 5"   | 350 | 200 | 125 | 56   | 21   | 22 | 17 | 80  | F07-10-12 | 21        |
| 150 | 6"   | 388 | 220 | 125 | 56   | 21   | 24 | 17 | 80  | F07-10-12 | 35        |
| 200 | 8"   | 450 | 250 | 150 | 63   | 26.5 | 32 | 22 | 90  | F10-12-14 | 57        |
| 250 | 10"  | 523 | 286 | 175 | 71   | 26.5 | 39 | 22 | 106 | F12-14-16 | 90        |
| 300 | 12"  | 606 | 328 | 175 | 78   | 33   | 50 | 27 | 106 | F12-14-16 | 139       |
| 350 | 14"  | 661 | 355 | 175 | 78   | 36   | 50 | 27 | 106 | F12-14-16 | 205       |
| 400 | 16"  | 704 | 370 | 175 | 102  | 50   | 50 | -  | 120 | F12-14-16 | 209       |
| 450 | 18"  | 755 | 400 | 175 | 114  | 50   | 80 | -  | 106 | F12-14-16 | 370       |
| 500 | 20"  | 830 | 450 | 155 | 127  | 60   | 80 | -  | 120 | F14-16    | 496       |
| 600 | 24"  | 970 | 510 | 155 | 154  | 60   | 90 | -  | 120 | F14-16    | 643       |