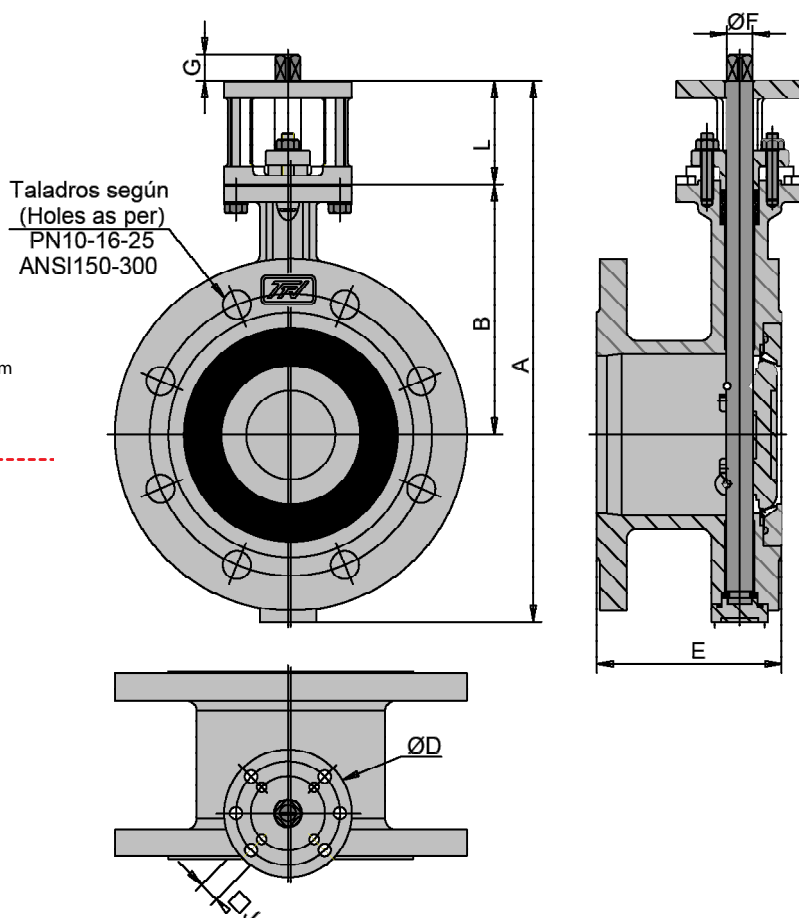
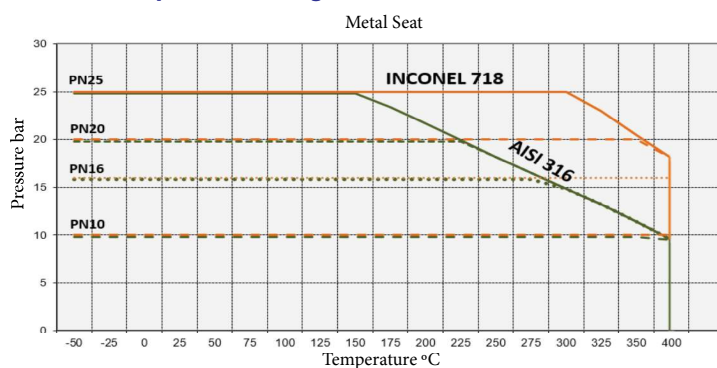


- ▶ **Body** Carbon Steel
ASTM A352 LCC
- ▶ **Shaft** Stainless Steel
ASTM A276 431
- ▶ **Disc** Stainless Steel
ASTM A351 CF 8M
- ▶ **Seat** Stainless Steel
INCONEL 718
- ▶ **Packing** Graphite
- ▶ **Temperature** -60°C up to +360°C (*)
Special design high temperature 600°C.
(*) It is recommended to 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	1 1/2"		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	2 1/2"		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