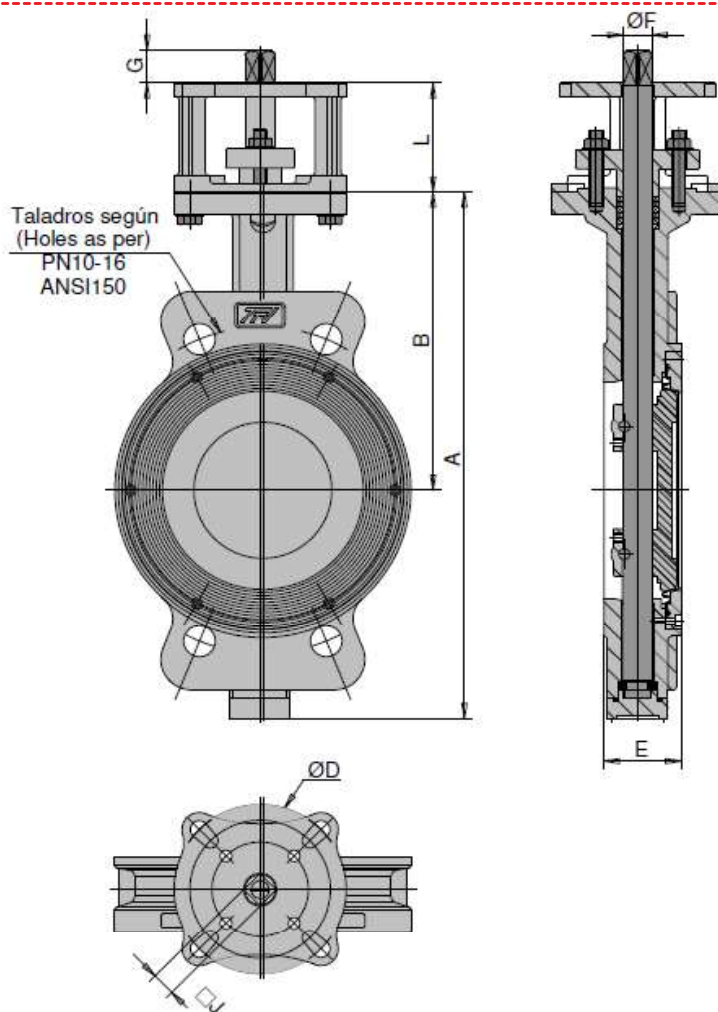
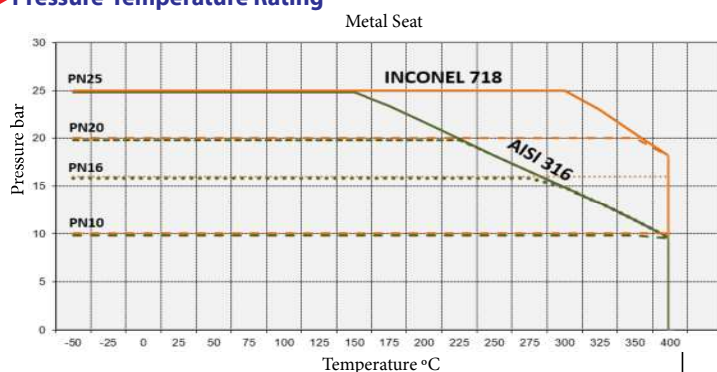


- ▶ **Body** Carbon Steel ASTM A216 Grade WCB
- ▶ **Shaft** Stainless Steel ASTM A276 F316
- ▶ **Disc** Stainless Steel ASTM A351 CF 8M
- ▶ **Seat** Stainless Steel INCONEL 718
- ▶ **Packing** Graphite
- ▶ **Temperature** -29°C up to +360°C (*)
Special design high temperature 600°C.
(*) It is recommended to install heatsink from 225°C.
- ▶ **Suitable pressure** ≤ 25 bar
- ▶ **Tolerances** ISO 2768-M
- ▶ **Face to Face** EN 558 Series 20
ISO 5752 Series 20
API 609 Table 1
BS 5155 Series 4
- ▶ **Pressure test according to standards** API 598
ISO 5208:
Body: 1.5 × PN
Seat: 1.1 × PN
- ▶ **Mounting between flanges** PN10/16
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	3.1
50	2"	218	128	86	43	12	14	9	70	F05-07	4.6
65	2½"	228	140	86	46.5	14	14	11	70	F05-07	5.3
80	3"	259	148	86	47	17	15	14	70	F05-07	6.4
100	4"	295	169	86	52	17	18	14	70	F05-07	8
125	5"	350	200	125	56	21	22	17	80	F07-10-12	14
150	6"	388	220	125	56	21	24	17	80	F07-10-12	16
200	8"	450	250	150	63	26.5	32	22	90	F10-12-14	26
250	10"	523	286	175	71	26.5	39	22	106	F12-14-16	42
300	12"	606	328	175	78	33	50	27	106	F12-14-16	58
350	14"	661	355	175	78	36	50	27	106	F12-14-16	64
400	16"	704	370	175	102	50	50	-	120	F12-14-16	103
450	18"	755	400	175	114	50	80	-	106	F12-14-16	125
500	20"	830	450	155	127	60	80	-	120	F14-16	162
600	24"	970	510	155	154	60	90	-	120	F14-16	271