

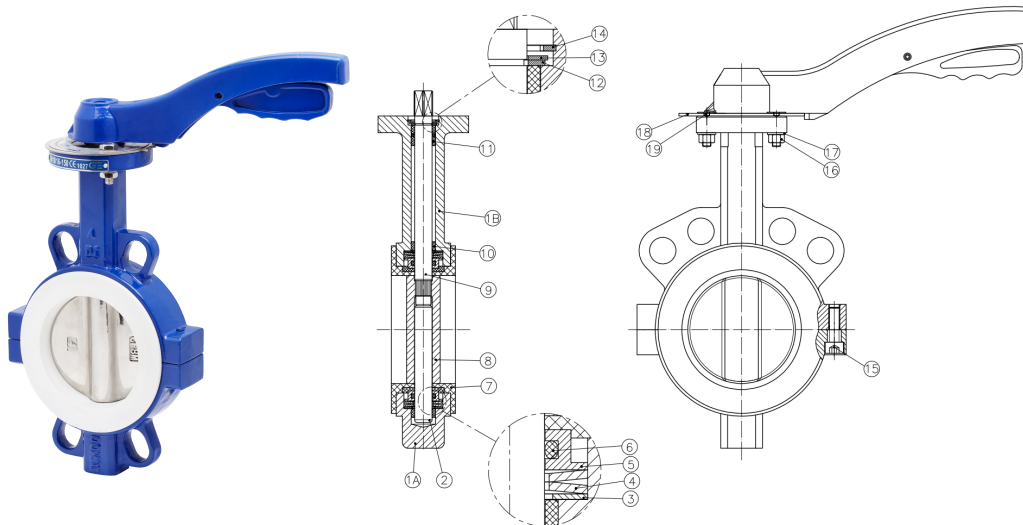
Ref: **2101**

Wafer type butterfly valve Mounting between flanges PN 10/16 - ANSI 150 lbs



Features

1. Wafer-type butterfly valve.
2. Two-piece body made of EN-GJS-400 (GGG-40) ductile cast iron for flange-to-flange mounting to ANSI 150 and EN 1092 PN 10/16 standards.
3. PTFE seat with silicone base.
4. Polished 1.4408 (CF8M) stainless steel disc.
5. AISI 316 stainless steel spindle.
6. Actuator mounting flange in accordance with ISO 5211.
7. Face-to-face length in accordance with EN 558-1 Series 20 (DIN 3202 K1).
8. Maximum working pressure 10 bar.
9. Operating temperature: -25°C to +180°C.

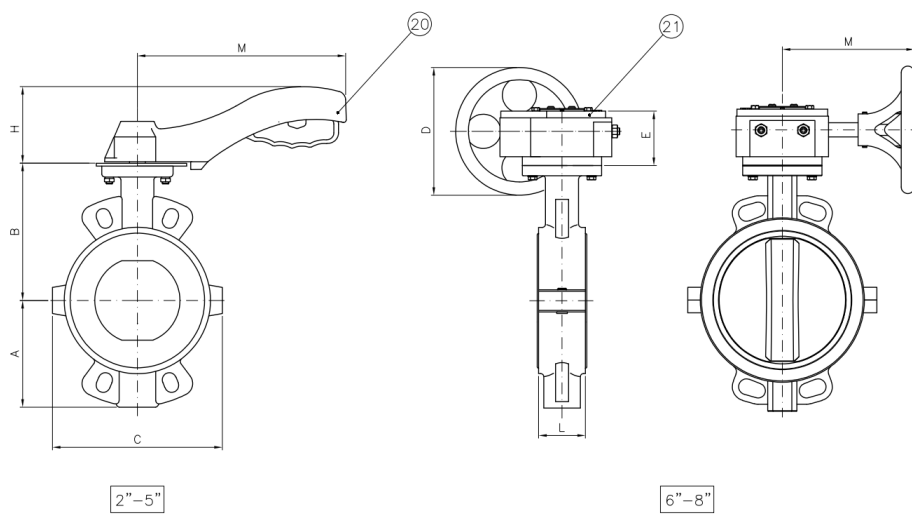


No.	Name	Material	Surface Finish	Spare Part Code
1A	Lower Body	EN-GJS-400 nodular cast iron	Epoxy	-----
1B	Upper Body	EN-GJS-400 nodular cast iron	Epoxy	-----
2	Lower Shaft	AISI 316 stainless steel	-----	-----
3	Washer	AISI 304 stainless steel	-----	-----
4	Spring washer	Carbon Steel	Galvanised	-----
5	Guide Bearing	AISI 304 stainless steel	-----	-----
6	O-ring seal	FPM	-----	-----
7	Seat	PTFE + Silicone	-----	ET2101
8	Album	Stainless steel 1.4408	Polishing	-----
9	Upper Axis	AISI 316 stainless steel	-----	-----
10	Lower Hub	PTFE	-----	-----
11	Upper Bearing	PTFE	-----	-----
12	Seeger washer	Steel	Galvanised	-----
13	Washer	AISI 304 stainless steel	-----	-----
14	Seeger washer	Steel	Galvanised	-----
15	Screw	AISI 304 stainless steel	-----	-----
16	Nut	AISI 304 stainless steel	-----	-----
17	Washer	AISI 304 stainless steel	-----	-----
18	Toothed Plate	AISI 304 stainless steel	-----	-----
19	Screw	AISI 304 stainless steel	-----	-----
20	Lever	Aluminium	Epoxy	-----
21	Reduction Gear	Cast Body	Epoxy	-----

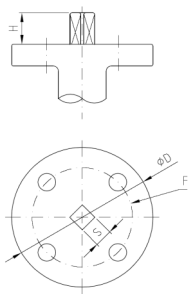
* Spare parts available

GENERAL DIMENSIONS

Ref.	Measure	Dimensions (mm)					Weight (kg)
		L	D	P	A1	A2	
2101 09	2"	43	70	172	136	75	2.771
2101 10	2 1/2"	46	70	172	145	80	3.162
2101 11	3"	46	70	172	153	85	3.582
2101 12	4"	52	90	218	170	114	5.689
2101 13	5"	56	90	218	185	127	7.582
2101 14	6"	56	90	***	200	140	12.722
2101 16	8"	60	125	***	231	175	22.359



Dimensions of the top flange



Ref.	F (ISO 5211)	S	D	H	Torque (Nm)
2101 09	F05	11	70	26	25
2101 10	F05	11	70	26	30
2101 11	F05	11	70	26	35
2101 12	F07	14	90	29	65
2101 13	F07	14	90	29	110
2101 14	F07	14	90	32	200
2101 16	F10	17	125	38	300

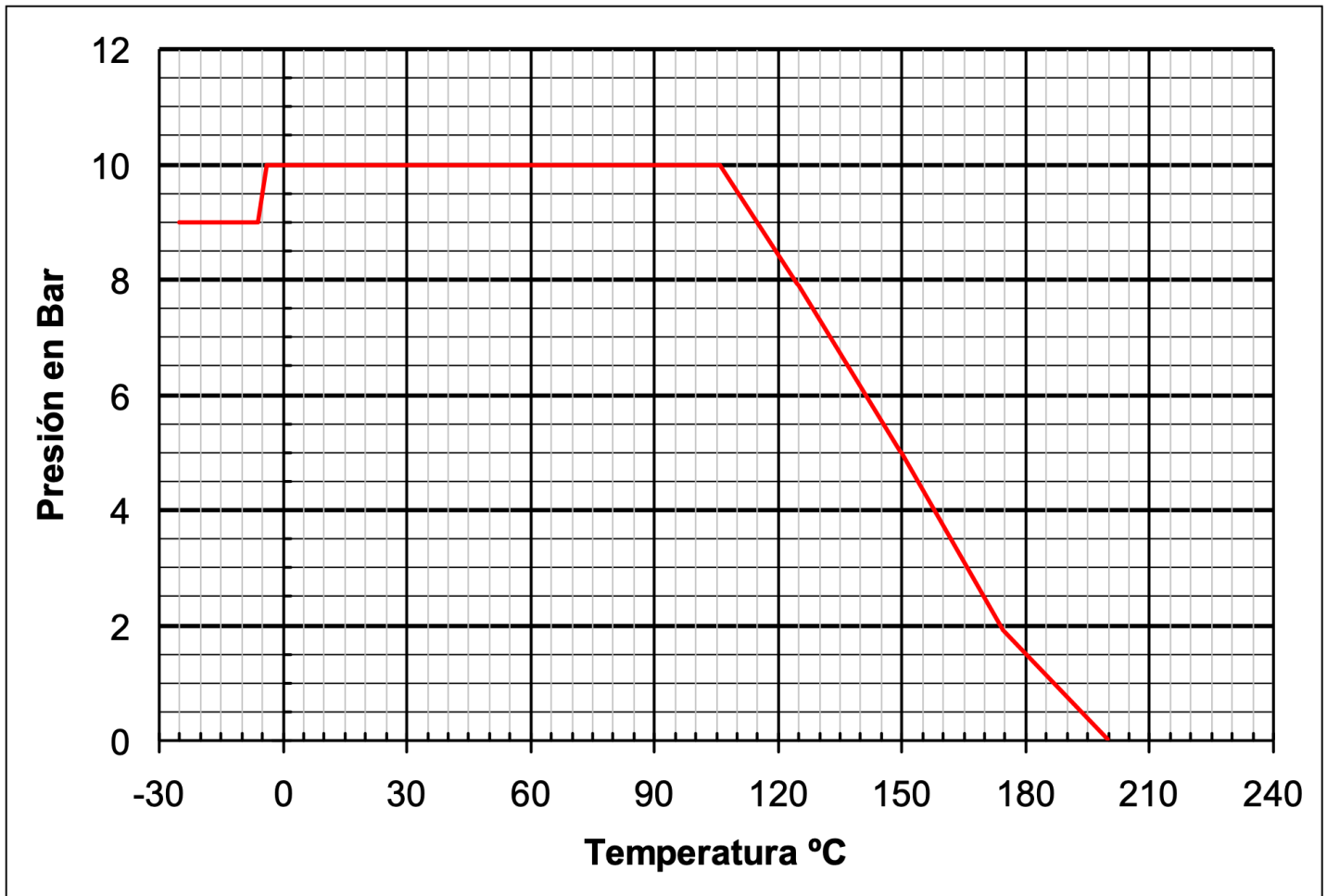
Pressure drops (kV) depending on the disc's position

DN	90°	80°	70°	60°	50th	40°	30°	20th	10th
50	125	99	73	53	37	23	14	6	1
65	244	193	141	93	58	37	21	10	1
80	399	315	231	133	83	53	30	13	2
100	727	606	429	237	148	94	54	23	3
125	1190	991	670	370	232	147	85	37	4
150	1600	1334	887	490	306	195	112	48	5
200	2868	2458	1610	935	588	364	208	88	10

Kv (m³/h) = The number of cubic metres per hour that will pass through the valve, generating a pressure drop of 1 bar.

PRESSURE-TEMPERATURE CURVE

Kv = The number of cubic metres per hour that will pass through the valve, resulting in a pressure drop of 1 bar



Precautions for installation

1. Do not fit the valve in the fully closed position.
2. Check that the flanges are properly aligned.
3. Do not place any other gaskets between the flanges.
4. Open the valve fully before tightening the flanges.

