



Main Features:-

- ◆ Butterfly valve Lug Type
- ◆ DN50 to DN300 PN10/16 Flanges
- ◆ Disc made of Stainless Steel 1.4408
- ◆ Working Temperature -25°C to $+120^{\circ}\text{C}$ *
- ◆ Size 12" (DN300) Handling By Gear Operator

*Temperature and pressure determined by valve body, seat etc.

Suitable Applications & Approvals:



HVAC



OIL



GAS



INDUSTRY



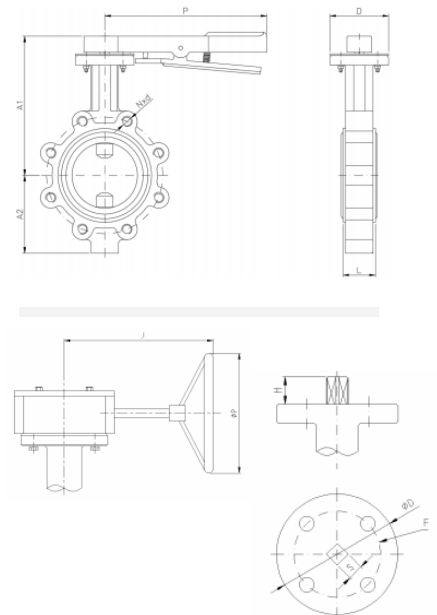
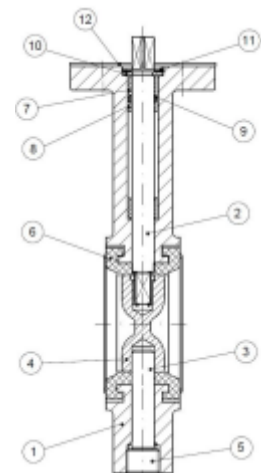
SERIES: 80103

MANUFACTURER: **GENEBRE**

VALVE MATERIALS/DIMENSIONS

ITEM	SECTION	MATERIAL	ADDITIONAL INFO / OPTIONS
1	Body	Ductile Iron GJS-400	Epoxy Painted
2	Stem	AISI 416	n/a
3	Pivot	AISI 416	n/a
4	Disc	SS 1.4408	Shot Blasting
5	Plug	Carbon Steel	Zinc Plated
6	Seat	EPDM	Spare Pat Number E2109
7	Bush	PTFE + Graphite	n/a
8	Bush	PTFE + Graphite	n/a
9	O'Ring	NBR	n/a
10	Washer	Bronze	n/a
11	Stop Ring	Carbon Steel	Zinc Plated

REF	DN	L	A1	A2	D	P	Nxd	Kg	S	D	H	Nm
80103-09	50	43	240	79	90	216	4XM16	4.8	11	90	16	12
80103-10	65	46	240	93	90	216	4XM16	5.5	11	90	16	20
80103-11	80	46	245	103	90	216	8XM16	7	11	90	16	27
80103-12	100	52	265	120	90	216	8XM16	8.1	14	90	16	40
80103-13	125	56	290	133	90	216	8XM16	10.9	14	90	16	60
80103-14	150	56	240	158	125	300	8XM20	14	14	125	30	90
80103-16	200	60	280	180	125	300	8XM20	19.4	17	125	30	120
80103-18	250	68	325	216	125	300	12XM20	28.5	22	125	40	180
80103-20	300	78	351	251	150	290	12XM20	49.6	22	150	40	240



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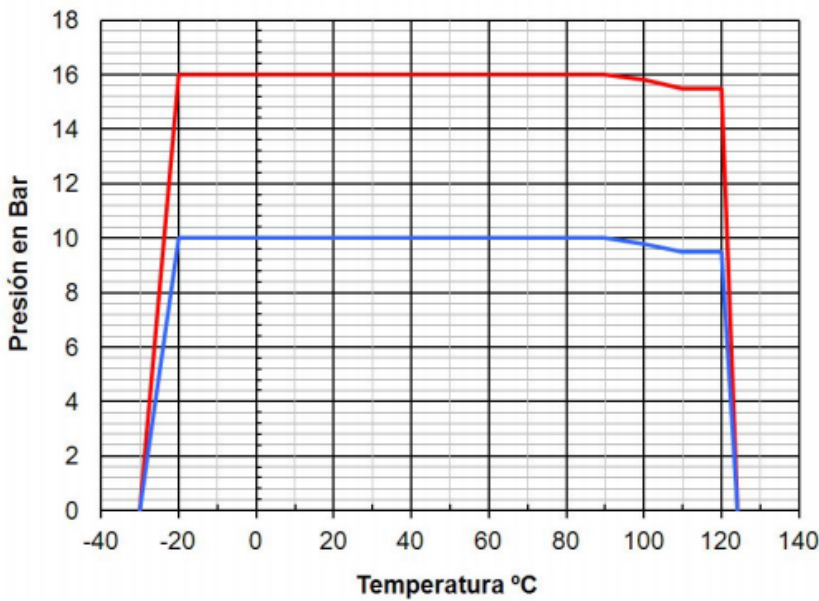
Genebre are a global brand of industrial valves with large stocks held for fast delivery on various type of valves, sizes, end connections and materials.

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DISC POSITION/PRESSURE CHART

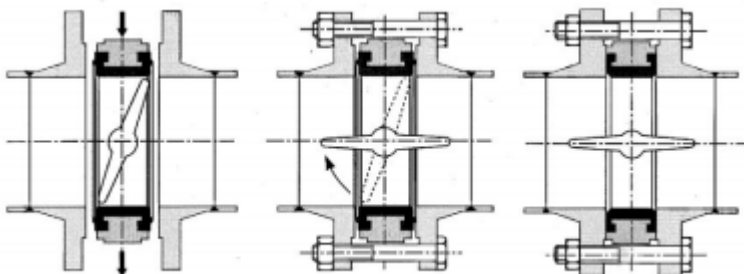
DN	90°	80°	70°	60°	50°	40°	30°	20°	10°	Kv Values
50	125	99	73	53	37	23	14	6	0.9	Flow rate of water in cubic meter per hour (m ³ /h) that will generate a pressure drop of 1 bar across the valve.
65	244	193	141	93	58	39	21	10	1.3	
80	399	315	231	133	83	53	30	13	1.7	
100	727	606	429	237	148	94	54	23	2.6	
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	
250	4679	3914	2550	1479	931	577	330	140	16	
300	6987	5822	3800	2217	1379	869	480	203	23	

PRESSURE TEMPERATURE RATING



ALL VALVES

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