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LUG TYPE BUTTERFLY VALVE WITH HANDLE FO1-BV1LT-2L



FTV
Since 2000

APPLICATION

General Use: Water, sea water, gas, pressurized air, acids etc.

CARACTERISTIQUES GENERALES

Resilient Seat Lug Type Butterfly Valves
Design according with BS EN593/API609
Tightness in both ways. Lug type with threaded ears.
Flexible sleeve adapted to the shape of the body assures low operating torque. The stem giving a high flow coefficient. Machined disc on periphery giving a low and regular torque. Unejectable stem.
Mounting flange according to ISO 5211.

CONSTRUCTION

1	BODY	CI / DI / WCB / STAINLESS STEEL
2	SEAT	EPDM / NBR / PTFE / SILICON
3	DISC	DI / CF8 / CF8M / AI-Bc / DUPLEX STEEL
4	STEM	SS304 / 316 / 416
5	BUSHING	PTFE / BRONZE
6	O-RING	NBR / EPDM
7	BUSHING	PTFE / BRONZE
8	BOLT	STAINLESS STEEL
9	PRESSURE RING	CARBON STEEL
10	BOLT&NUT	STAINLESS STEEL
11	FLAT WASHER	STAINLESS STEEL
12	GEAR DISC	CARBON STEEL / ALUMINUM
13	HAND SHANK	MALLEABLE IRON / AL / SS
NO.	PARTS	MATERIAL

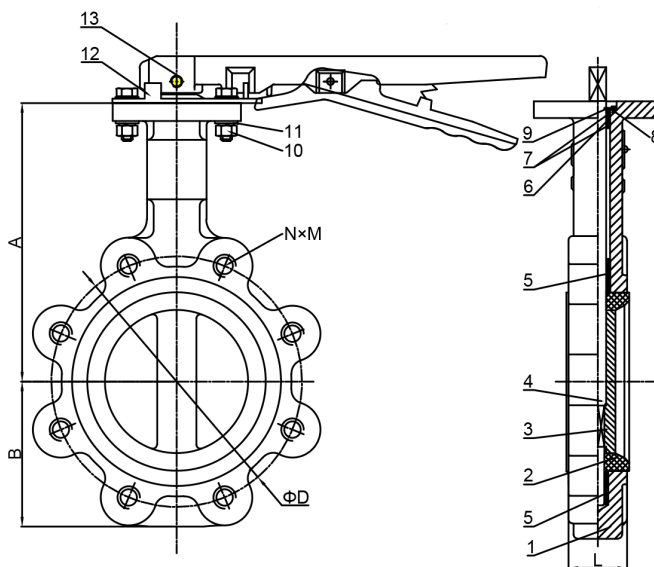
DIMENSIONS

DN	mm	INCH	A	B	L	PN10			PN16			ANSI 150		
						ΦD	N	M	ΦD	N	M	ΦD	N	M
50	2"	161	80	43	125.0	4	M16	125	4	M16	120.5	4	1/2"	11
65	2.5"	175	89	46	145	4	M16	145	4	M16	139.5	4	1/2"	11
80	3"	181	95	46	160	8	M16	160	8	M16	152.5	4	1/2"	11
100	4"	200	114	52	180	8	M16	180	8	M16	190.5	8	1/2"	11
125	5"	213	127	56	210	8	M16	210	8	M16	216	8	1/2"	10
150	6"	226	139	56	240	8	M20	240	8	M20	241.5	8	1/2"	10
200	8"	260	175	60	295	8	M20	295	8	M20	298.5	8	1/2"	10
250	10"	292	203	68	350	12	M20	355	12	M24	362	12	1/2"	9
300	12"	337	242	78	400	12	M20	410	12	M24	432	12	1/2"	9

WORKING CONDITIONS

Maximum Working Pressure: 16 bar.
Maximum Working Temperature table

Sleeve type in option	Maximum Temperature	Peak Temperature
EPDM	+4°C~+110°C	-20°C~+130°C
EPDM Blanc	+4°C~+110°C	-20°C~+130°C
CSM(Type Hypalon)	+4°C~+80°C	-20°C~+110°C
FPM (Type Viton)	-10°C~+170°C	-20°C~+200°C
Silicone	-20°C~+170°C	-40°C~+200°C
Nitrile (NBR)	-10°C~+80°C	-20°C~+90°C



STANDARDS

Manufacture according to the requirements of the European directive 2014/68/EU, module H Face to face according to standards NF EN558 SERIE 20, ISO5752, DIN3202.
Mounting between flanges UNI EN1092:PN10/16, ANSI150, JIS 5K/10K, BS 10, TALBE Etc.
Body: 24bar
Seat: 17.6bar

Tianjin Fortis Valve Co., Ltd.
Fortis Valve-Guazigou Industrial Zone, Xiaozhan Town, Jin nan District, Tianjin of China.
Tel: +86-22-88529757 Fax: +86-22-88818118
Email: info@fortisvalves.com Web: www.fortisvalves.com