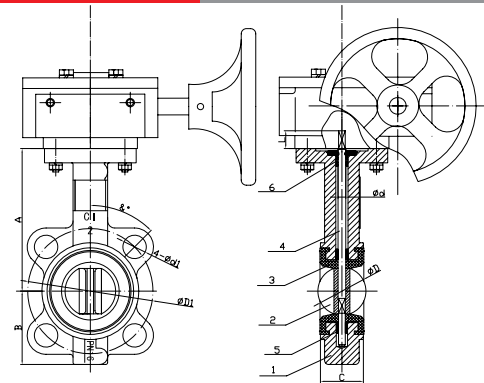
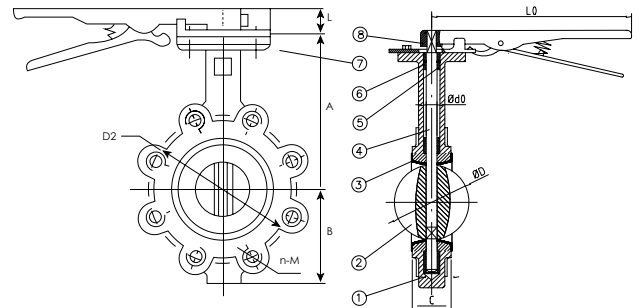


BTV-FL-PN16

Full Lug Type Butterfly Valve (PN16)



BTV-FL-PN16-G (Gear Type)



BTV-FL-PN16-L (Lever Type)

Technical References

Connection Type	Full Lug
Design and Manufacture Standard	DIN 3202
Handle	Lever/Gear/Motorized
Flange Standard	BS4504 PN16
Face to Face Standard	DIN 3202 K3
Actuator Flange	ISO 5211
Pressure Rating	16 bar/ 232 PSI
Working Temperature	Buna-N (NBR) ≤ 80°C EPDM ≤ 120°C Viton ≤ 150°C
Working Medium	Fresh Water, Sewage, Sea Water, Air, food, Medicine, Vapour, Oils, Acids, Alkalies, Salts

* Flange standard ANSI CLASS 125/150 is available upon request.

Materials

No.	Part	Standard Material	Optional Material
1	Body	Ductile Iron	Cast Iron, Carbon Steel, Stainless Steel
2	Disc	Aluminum Bronze	SS304, 316SS, Ductile Iron, Steel
3	Seat	EPDM	Neoprene, Hypalon, Viton, NBR, PTFE
4	Stem	SS416	SS304, SS316, Monel
5	Bushing	Lubricated Bronze	Fiberglass Backed PTFE
6	O-Ring	Buna-N	-
7	Indicator	Carbon Steel	-
8	Lever	Carbon Steel	-
9	Gear	Carbon Steel	-
10	Pin	SS416	-

Dimensions (mm)

DN	A	B	C	D	L0	D0	G	E	F	A1	B1	Ø	BS4504 PN16		
													L	D2	n-M
50	161	80	42	52.7	266	12.6	-	-	-	-	-	-	30	125	4-M16
65	175	89	45.8	64.4	266	12.6	-	-	-	-	-	-	30	145	4-M16
80	181	95	45.8	78.8	266	12.6	-	-	-	-	-	-	30	160	8-M16
100	200	114	52	104	266	15.77	-	-	-	-	-	-	30	180	8-M16
125	213	127	55	123.3	266	18.92	-	-	-	-	-	-	30	210	8-M16
150	226	139	55.8	155.6	266	18.92	-	-	-	-	-	-	30	240	8-M20
200	260	175	61.6	202.5	-	22.1	74	72	210	72	64	263	40	295	12-M20
250	292	203	67.2	250.5	-	28.45	74	72	210	72	64	263	40	355	12-M24
300	337	242	76.9	301.5	-	31.6	74	78	235	78	81	278	40	410	12-M24
350	368	267	76.5	333.3	-	31.6	83	81	227	81	80	300	45	470	16-M20
400	400	309	86.5	389.6	-	33.15	120	127	250	127	120	300	52	525	16-M27
450	422	328	102	440.5	-	38	120	127	250	127	120	300	52	585	20-M27
500	480	361	127	491	-	41.15	-	-	-	-	-	-	65	650	20-M30
600	562	459	152	592.5	-	50.65	-	-	-	-	-	-	70	770	20-M33

All stated specifications are correct at the printing date and subject to change without notice or obligation.
Actual products might differ from the pictures shown.