

EN 593 PN10/PN16/CLASS 125/ LUG TYPE SPLINE SHAFT BUTTERFLY VALVE

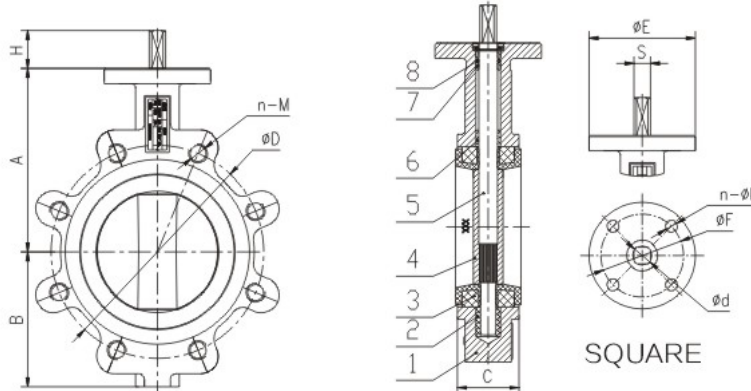


Fig No. :BFV302S/BFV302L

TECHNICAL REQUIREMENT :

- Design and Manufacture Conform to EN593, API609
- Flange dimensions Conform to EN1092-2/ANSI B16.1
- Face to Face dimensions Conform to EN558-1
- Testing Conform to EN12266-1, API 598
- Driving mode: lever, worm actuator, electric, pneumatic

NOTE:

The "S" in figure number is short neck body

The "L" in figure number is long neck body

MATERIALS OF PARTS

NO.	PART NAME	MATERIAL	OPTIONAL MATERIAL
1	BODY	DI	CI, WCB, STAINLESS STEEL
2	DOWN BEARING	F4	BRONZE
3	SEAT	NBR	EPDM, FKM
4	DISC	PLATED DUCTILE IRON	ASTM A351 CF8/CF8M, B148 C954/C958
5	SHAFT	ASTM A276 416	316, 17-4PH
6	MIDDLE BEARING	F4	BRONZE
7	UPPER BEARING	F4	BRONZE
8	O RING	NBR	EPDM, FKM

DIMENSIONS DATA (MM)

DN	A	B	C	H	ØF	ØD	4-ØN	Ød	M1	EN1092-2 PN10			EN1092-2 PN16			ANSI CLASS 125		
										ØK	n-ØK1	n-M	ØK	n-ØK1	n-M	ØK	n-ØK1	n-M
DN40	120 (140)	75	33	32	90	50	4-Ø7	12.6	9.5	110	4-Ø19	4-M16	110	4-Ø19	4-M16	98.5	4-Ø16	4-1/2"
DN50	124 (161)	80	43	32	90	50	4-Ø7	12.6	9.5	125	4-Ø19	4-M16	125	4-Ø19	4-M16	120.5	4-Ø19	4-5/8"
DN65	134 (175)	89	46	32	90	50	4-Ø7	12.6	9.5	145	4-Ø19	4-M16	145	4-Ø19	4-M16	139.5	4-Ø19	4-5/8"
DN80	141 (181)	95	46	32	90	50	4-Ø7	12.6	9.5	160	8-Ø19	8-M16	160	8-Ø19	8-M16	152.5	4-Ø19	4-5/8"
DN100	156 (200)	114	52	32	90	70	4-Ø10	15.8	11.1	180	8-Ø19	8-M16	180	8-Ø19	8-M16	190.5	8-Ø19	8-5/8"
DN125	168 (213)	127	56	32	90	70	4-Ø10	18.92	12.7	210	8-Ø19	8-M16	210	8-Ø19	8-M16	216	8-Ø22	8-3/4"
DN150	184 (226)	140	56	32	90	70	4-Ø10	18.92	12.7	240	8-Ø23	8-M20	240	8-Ø23	8-M20	241.5	8-Ø22	8-3/4"
DN200	213 (260)	175	60	45	125	102	4-Ø12	22.1	15.9	295	8-Ø23	8-M20	295	12-Ø23	12-M20	298.5	8-Ø22	8-3/4"
DN250	244 (292)	220	68	45	125	102	4-Ø12	28.45	22	350	12-Ø23	12-M20	355	12-Ø28	12-M24	362	12-Ø25	12-7/8"
DN300	283 (337)	255	78	45	150	125	4-Ø14	31.6	24	400	12-Ø23	12-M20	410	12-Ø28	12-M24	432	12-Ø25	12-7/8"
DN350	368	267	78	45	150	125	4-Ø14	31.6	24	460	16-Ø23	16-M20	470	16-Ø28	16-M24	476	12-Ø29	12-1"
DN400	400	323	102	50	150	125	4-Ø14	33.15	27	515	16-Ø28	16-M24	525	16-Ø31	16-M27	539.5	16-Ø29	16-1"
DN450	422	342	114	50	210	140	4-Ø18	37.95	27	565	20-Ø28	20-M24	585	20-Ø31	20-M27	578	16-Ø32	16-1 1/8"
DN500	479	373	127	60	210	140	4-Ø18	41.12	32	620	20-Ø28	20-M24	650	20-Ø34	20-M31	635	20-Ø32	20-1 1/8"
DN600	562	467	154	70	210	165	4-Ø22	50.62	36	725	20-Ø31	20-M27	770	20-Ø37	20-M33	749.5	20-Ø35	20-1 1/4"