

EN 593 PN10/PN16/PN25/CLASS 125/ WAFER TYPE BUTTERFLY VALVE WITH PINS

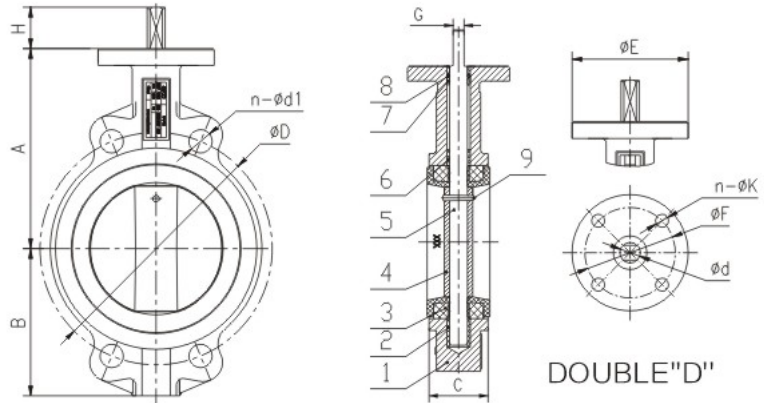


Fig No. :BFV303S/BFV303L

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	304, 316, 17-4PH
6	MIDDLE BEARING	F4	BRONZE
7	UPPER BEARING	F4	BRONZE
8	O RING	NBR	EPDM, FKM
9	PIN	ASTM A276 416	316, 17-4PH, MONEL

DIMENSIONS DATA (MM)

DN	A	B	C	H	ΦF	ΦD	4- ΦN	Φd	M1	EN1092-2 PN10			EN1092-2 PN16			ANSI CLASS 125		
										ΦK	n- $\Phi K1$	n-M	ΦK	n- $\Phi K1$	n-M	ΦK	n- $\Phi K1$	n-M
DN40	120 (140)	75	33	32	90	50	4- $\Phi 7$	12.6	9.5	110	4- $\Phi 19$	4-M16	110	4- $\Phi 19$	4-M16	98.5	4- $\Phi 16$	4-1/2"
DN50	124 (161)	80	43	32	90	50	4- $\Phi 7$	12.6	9.5	125	4- $\Phi 19$	4-M16	125	4- $\Phi 19$	4-M16	120.5	4- $\Phi 19$	4-5/8"
DN65	134 (175)	89	46	32	90	50	4- $\Phi 7$	12.6	9.5	145	4- $\Phi 19$	4-M16	145	4- $\Phi 19$	4-M16	139.5	4- $\Phi 19$	4-5/8"
DN80	141 (181)	95	46	32	90	50	4- $\Phi 7$	12.6	9.5	160	8- $\Phi 19$	8-M16	160	8- $\Phi 19$	8-M16	152.5	4- $\Phi 19$	4-5/8"
DN100	156 (200)	114	52	32	90	70	4- $\Phi 10$	15.8	11.1	180	8- $\Phi 19$	8-M16	180	8- $\Phi 19$	8-M16	190.5	8- $\Phi 19$	8-5/8"
DN125	168 (213)	127	56	32	90	70	4- $\Phi 10$	18.92	12.7	210	8- $\Phi 19$	8-M16	210	8- $\Phi 19$	8-M16	216	8- $\Phi 22$	8-3/4"
DN150	184 (226)	140	56	32	90	70	4- $\Phi 10$	18.92	12.7	240	8- $\Phi 23$	8-M20	240	8- $\Phi 23$	8-M20	241.5	8- $\Phi 22$	8-3/4"
DN200	213 (260)	175	60	45	125	102	4- $\Phi 12$	22.1	15.9	295	8- $\Phi 23$	8-M20	295	12- $\Phi 23$	12-M20	298.5	8- $\Phi 22$	8-3/4"
DN250	244 (292)	220	68	45	125	102	4- $\Phi 12$	28.45	22	350	12- $\Phi 23$	12-M20	355	12- $\Phi 28$	12-M24	362	12- $\Phi 25$	12-7/8"
DN300	283 (337)	255	78	45	150	125	4- $\Phi 14$	31.6	24	400	12- $\Phi 23$	12-M20	410	12- $\Phi 28$	12-M24	432	12- $\Phi 25$	12-7/8"
DN350	368	267	78	45	150	125	4- $\Phi 14$	31.6	24	460	16- $\Phi 23$	16-M20	470	16- $\Phi 28$	16-M24	476	12- $\Phi 29$	12-1"
DN400	400	323	102	50	150	125	4- $\Phi 14$	33.15	27	515	16- $\Phi 28$	16-M24	525	16- $\Phi 31$	16-M27	539.5	16- $\Phi 29$	16-1"
DN450	422	342	114	50	210	140	4- $\Phi 18$	37.95	27	565	20- $\Phi 28$	20-M24	585	20- $\Phi 31$	20-M27	578	16- $\Phi 32$	16-1 1/8"
DN500	479	373	127	60	210	140	4- $\Phi 18$	41.12	32	620	20- $\Phi 28$	20-M24	650	20- $\Phi 34$	20-M31	635	20- $\Phi 32$	20-1 1/8"
DN600	562	467	154	70	210	165	4- $\Phi 22$	50.62	36	725	20- $\Phi 31$	20-M27	770	20- $\Phi 37$	20-M33	749.5	20- $\Phi 35$	20-1 1/4"
DN700	624	524	165	72	300	254	8- $\Phi 18$	63.35	KEY 2-18	840	24- $\Phi 31$	24-M27	840	24- $\Phi 37$	24-M33	863.6	28- $\Phi 35$	28-1 1/4"
DN800	652	589	190	100	300	254	8- $\Phi 18$	63.35	KEY 2-18	950	24- $\Phi 34$	20-M30	950	24- $\Phi 41$	20-M36	977.9	28- $\Phi 41$	28-1 1/2"