

Fig. BFV200L - LUG Cast Iron Body Lever Operated
 BFV200G - LUG Cast Iron Body Gear Operated
 BFV200LS - LUG Stainless Body Lever Operated
 BFV200GS - LUG Stainless Body Gear Operated



APPLICATIONS

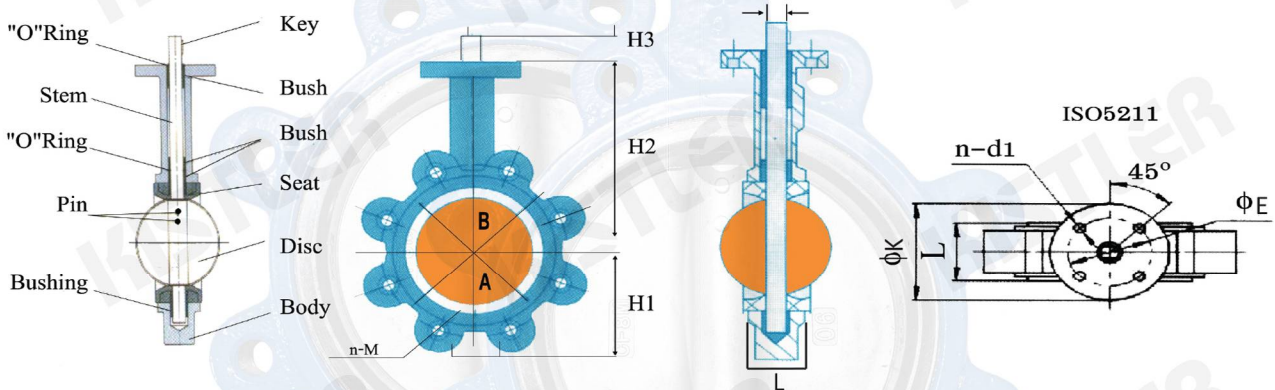
1. The design can be suitable for BS / DIN / ANSI / JIS / UNI Standard, etc.
2. For water, neutral liquids, oil and air, etc.
3. Coating epoxy painting, 200um.

MATERIALS

PART NAME	STANDARD MATERIALS	OPTIONAL MATERIALS
Body	Cast Iron (A126 Class B)	Ductile Iron, WCB, SUS
Disc	SUS 304 (CF8)	SUS 316 (CF8M)
Seat	EPDM or Buna-N (NBR)	PTFE, Viton, Neoprene
Shaft	Stainless Steel ASTM 410	Stainless Steel ASTM 416C
Pin	SUS 316 (CF8M)	Stainless Steel ASTM410, 416

PERFORMANCE

NOMINAL DIAMETER		2" - 12" (50 - 300mm)	14" - 40" (350 - 1000mm)
Max.Working Pressure		200 psi	150 psi
Max.Working Temperature		NBR -10°C	+80°C
		EPDM -10°C	+120°C
		PTFE -10°C	+150°C
Testing Pressure	Body	24 bar (348 psi.)	15 bar (218 psi.)
	Seat	17.6 bar (255 psi.)	11 bar (160 psi.)



DIMENSIONS

Unit : mm.

DN(mm)	INCH	L	H1	H2	H3	B1	Φ E	Φ K	4-Φ d	A	C	M	
												ANSI	PN10
50	2"	43	80	162	32	13	50	70	4-7	88	121	4-5/8"	4-M16
65	2.1/2"	45	85	175	32	13	50	70	4-7	108	140	4-5/8"	4-M16
80	3"	45	85	181	32	13	50	70	4-7	118	152	4-5/8"	8-M16
100	4"	52	114	200	32	16	70	90	4-9.5	156	191	8-5/8"	8-M16
125	5"	55	127	213	32	19	70	90	4-9.5	181	216	8-3/4"	8-M16
150	6"	56	140	225	32	19	70	90	4-9.5	210	241	8-3/4"	8-M20
200	8"	60	175	260	45	22	102	125	4-11.5	260	299	8-3/4"	12-M20
250	10"	65	203	292	45	29	102	125	4-11.5	321	362	12-7/8"	12-M24
300	12"	76	241	332	45	32	102	140	4-11.5	384	432	12-7/8"	16-M24
350	14"	76	270	368	45	32	102	140	4-11.5	400	476	12-1"	16-M27
400	16"	103	320	400	51	33	165	210	4-22.2	465	540	16-1"	20-M27
450	18"	114	328	422	51	34	165	210	4-22.2	541	578	16-11/8"	20-M30
500	20"	128	368	479	64	41.15	165	210	4-22.2	559	635	20-11/8"	20-M33
600	24"	152	410	562	70	51	165	210	4-22.2	686	749.3	20-11/4"	24-M33