

Butterfly Valve



Lug Style • Epoxy-Coated Ductile Iron Body • Stainless Steel Disc



BFV-Lug

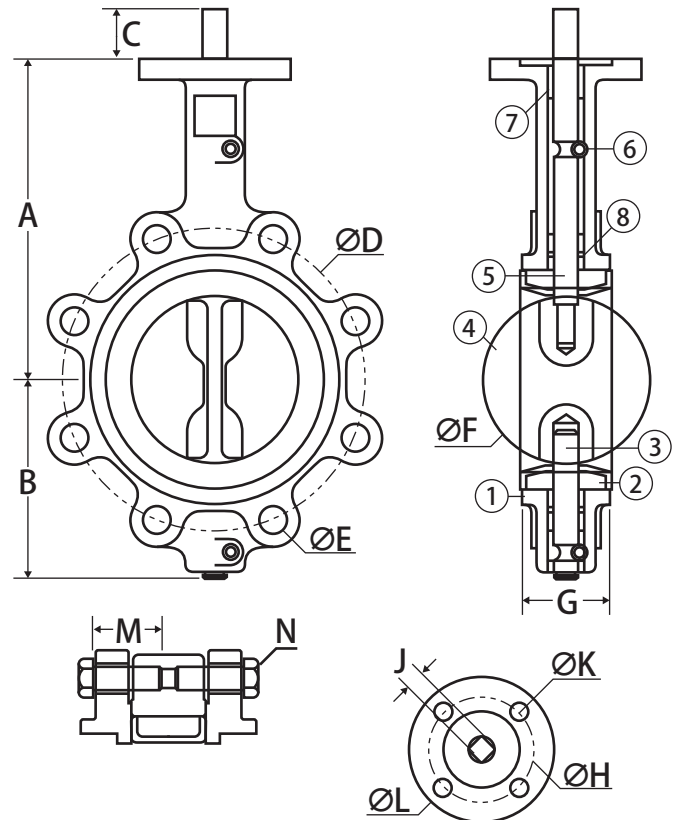
CRN# 0C09891.2

Features

- Designed for commercial and industrial applications up to 200 PSI
- Easily accepts actuator with ISO 5211 mounting flange
- Available in EPDM, PTFE, Buna-N, or Viton® seats
- Seat to flange seal eliminates the need for flange gaskets
- Series 600 Lug bodies are bidirectional for dead end service
- Epoxy coated finish
- Ideal for mounting pneumatic/electrical actuators
- Square stem for direct mount
- Wetted surfaces contain less than .25% lead content

Approvals

- API 609
- MSS SP-67



Material Specifications

No.	Part	Materials
1	Body	Ductile Iron - Epoxy Coated
2	Seat	*Varies*
3	Lower Shaft*	410 Stainless Steel
4	Disc	CF8M Stainless Steel
5	Upper Shaft	410 Stainless Steel
6	Locating Pin (2)	Carbon Steel
7	Bushing (3)	PTFE
8	O-ring (2)	EPDM

Note: 2" - 12" only, 14" - 36" are pin through shaft style

Seat Temperature Ranges

	Size	Buna-N	EPDM	Viton	PTFE
Temperature range (° F)	2" - 36"	10 to 180	-30 to 250	10 to 275	-20 to 250
Inline service (psi)	2" - 12"	200	200	200	200
	14" - 36"	150	150	150	150
Dead end service w/down stream flange (psi)	2" - 12"	200	200	200	100
Dead end service w/o down stream flange (psi)	2" - 12"	100	100	100	50

When ordering butterfly valves please specify the seat in the _ space with the following letter designations:

E = EPDM P = PTFE V = VITON B = BUNA

Dimensions

Part No.	Size	A	B	C	D	E	F	G	H	J	K	L	M	N	Weight
600-02DS_L	2"	6.34	3.15	1.26	4.74	4 : 5/8"	2.07	1.65	1.97	0.35	4 : 0.28	3.03	1.50	5/8-11UNC	8.38
600-212DS_L	2-1/2"	6.89	3.50	1.26	5.50	4 : 5/8"	2.54	1.76	1.97	0.35	4 : 0.28	3.03	1.50	5/8-11UNC	9.26
600-03DS_L	3"	7.13	3.74	1.26	6.00	4 : 5/8"	3.10	1.78	1.97	0.35	4 : 0.28	3.03	1.50	5/8-11UNC	10.36
600-04DS_L	4"	7.87	4.49	1.26	7.50	8 : 5/8"	4.09	2.05	2.76	0.43	4 : 0.35	3.54	1.75	5/8-11UNC	19.84
600-05DS_L	5"	8.39	5.00	1.26	8.50	8 : 3/4"	4.85	2.14	2.76	0.55	4 : 0.35	3.54	1.75	3/4-10UNC	24.03
600-06DS_L	6"	8.90	5.47	1.26	9.51	8 : 3/4"	6.13	2.20	2.76	0.55	4 : 0.35	3.54	2.00	3/4-10UNC	31.31
600-08DS_B	8"	10.24	6.89	1.61	11.75	8 : 3/4"	7.97	2.39	4.02	0.67	4 : 0.47	4.92	2.00	3/4-10UNC	40.12
600-10DS_B	10"	11.50	7.99	1.61	14.25	12 : 7/8"	9.86	2.58	4.02	0.87	4 : 0.47	4.92	2.25	7/8-9UNC	59.08
600-12DS_B	12"	13.27	9.53	1.61	17.01	12 : 7/8"	11.87	3.03	4.02	0.87	4 : 0.47	5.51	2.50	7/8-9UNC	88.18
600-14DS_G	14"	14.49	10.55	1.77	18.74	12 : 1"	13.12	3.01	4.02	0.87	4 : 0.47	5.51	2.50	1-8UNC	123.46
600-16DS_G	16"	15.75	12.17	2.02	21.26	16 : 1"	15.34	3.41	5.51	1.06	4 : 0.71	7.76	3.00	1-8UNC	211.64
600-18DS_G	18"	16.54	12.91	2.02	22.76	16 : 1-1/8"	17.34	4.16	5.51	1.06	4 : 0.71	7.76	3.50	1-1/8-7UNC	268.96
600-20DS_G	20"	18.90	14.21	2.53	25.00	20 : 1-1/8"	19.35	5.19	5.51	1.42	4 : 0.71	7.76	4.00	1-1/8-7UNC	445.33
600-24DS_G	24"	22.13	18.07	2.76	29.51	20 : 1-1/4"	23.33	5.98	6.50	1.42	4 : 0.91	10.87	4.50	1-1/4-7UNC	595.25
600-30DS_G	30"	25.98	21.22	-	-	-	29.30	6.50	-	-	-	-	-	-	939.17
600-36DS_G	36"	28.35	25.83	-	-	-	34.04	7.99	-	-	-	-	-	-	1604.96

*U-type Butterfly Valve, dimensions and drawings available upon request.