

## Series 600 - Lug Type



# Ductile Iron Body, 316 SS Disc, Lug Type Butterfly Valve



Lug Type

### Description

Jomar butterfly valves are standard with epoxy coated, ductile iron bodies, and also phenolic backed cartridge type seats. Accompanied by precision machined 316SS disc, and 410SS stem, they offer lower operating torques, bubble tight shut-off, and extended seat life. Jomar butterfly valves are bi-directional and suited for dead end service. Jomar butterfly valves are standard with an extended neck, which makes them ideal for applications where insulation is required. Jomar butterfly valves are manufactured to ISO 5211 standards and have direct mount capabilities.

### Specifications

Designed for commercial and industrial applications up to 225 PSI. Easily accepts actuator with ISO 5211 mounting flange.

- Available in EPDM, PTFE, Buna, or Viton seats
- Meets API 609 & MSS SP-67
- Seat to flange seal eliminates the need for flange gaskets
- Series 600 Lug bodies are bi-directional for dead end service:

With downstream flange, pressure ratings are  
2" - 12" = 175psi, 14" - 24" = 150psi.

With no downstream flange, bi-directional, dead end service rating is:

2" - 12" = 75psi, 14" - 24" = 50psi

- Epoxy coated finish
- Ideal for mounting pneumatic/electrical actuators
- Square stem for direct mount

### Accessories

- 10 position locking lever handle
- Gear operators
- Electrical and pneumatic actuators

### Warranty

The Company, for a period of one year from the date of shipment, warrants each product or system of its own manufacture to the original purchaser to be free from defects in material and workmanship under normal use, service and maintenance.

#### Architect/Engineer approval

Job Name \_\_\_\_\_ Date \_\_\_\_\_  
Model Specified \_\_\_\_\_ Quantity \_\_\_\_\_  
Variations Specified \_\_\_\_\_  
Customer/Wholesaler \_\_\_\_\_  
Contractor \_\_\_\_\_  
Architect \_\_\_\_\_

Note: Information subject to change without notice.



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# Series 600 - Lug Type

## Ductile Iron Body, 316 SS, Lug Type Butterfly Valve



### Description

**Jomar Butterfly Valves** come standard with phenolic backed cartridge type seats. Accompanied with precision machined 316 SS disc, offers low operating torque, bubble-tight shut-off and longer seat life.

### Dimensions in Inches

Computer No.	Valve Size	A	B	C	D	E	F	G	Weight	CV
600-02DS_B	2"	6.34	3.15	1.65	1.20	.35	2.07	1.97	8.38	135
600-0212DS_B2-1/2"	6.89	3.50	1.76	1.20	.35	2.54	1.97	9.26	220	
600-03DS_B	3"	7.13	3.74	1.78	1.20	.35	3.10	1.97	10.36	302
600-04DS_B	4"	7.87	4.49	2.05	1.20	.43	4.10	2.76	19.84	600
600-05DS_B	5"	8.39	5.00	2.14	1.20	.55	4.86	2.76	24.03	1022
600-06DS_B	6"	8.90	5.47	2.20	1.20	.55	6.13	2.76	31.31	1579
600-08DS_B	8"	10.24	6.89	2.39	1.77	.67	7.98	4.02	40.12	3136
600-10DS_B	10"	11.50	7.99	2.58	1.77	.87	9.87	4.02	59.08	5340
600-12DS_B	12"	13.27	9.53	3.03	1.77	.87	11.88	4.02	88.18	8250

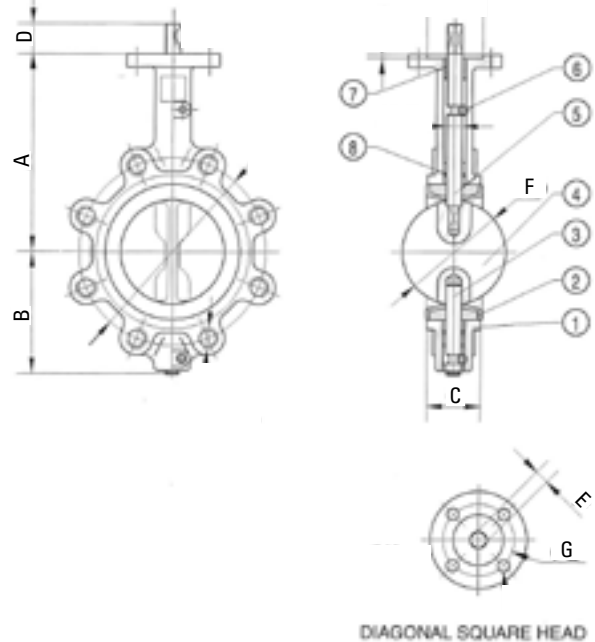
Part Name	Material	Temperature F	Temperature C
Seat (Soft Seal)	Buna-N (NBR)	+10 to 180	-12 to 82
	Buna-N, Food Grade	+10 to 180	-12 to 82
	EPDM	-30 to 250	-35 to 121
	EPDM, Food Grade	-30 to 225	-35 to 107
	EPDM, Heat-Resistant	+30 to 300	-2 to 150
	Viton	+10 to 275	-12 to 135
	Viton, High Temp	+10 to 400	-12 to 204
	Neoprene	+20 to 200	-7 to 93
	Hypalon	0 to 275	-18 to 135
	Silicon	-70 to 425	-57 to 218
PTFE over EPDM	-20 to 250	-29 to 121	
PURE PTFE	-100 to 400	-74 to 204	

DIM	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
B	1-1/2	1-1/2	1-1/2	1-3/4	1-3/4	2	2	2-1/4	2-1/2
D	5/8 -11UNC	5/8 -11UNC	5/8 -11UNC	5/8 -11UNC	3/4 -10UNC	3/4 -10UNC	3/4 -10UNC	7/8 -9UNC	7/8 -9UNC

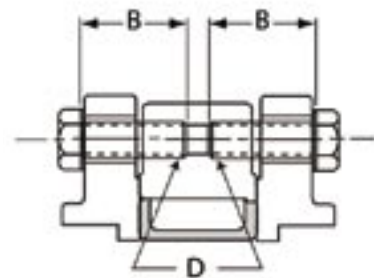
Size	Flow in Gpm @ 1PSI P @ Various Disc Angles								Full 90° Open
	10°	20°	30°	40°	50°	60°	70°	80°	
2"	0.1	5	12	24	45	64	90	125	135
2.5"	0.2	8	20	37	65	98	144	204	220
3"	0.3	12	22	39	70	116	183	275	302
4"	0.5	17	36	78	139	230	364	546	600
5"	0.8	29	61	133	237	392	620	930	1022
6"	2	45	95	205	366	605	958	1437	1579
8"	3	89	188	408	727	1202	1903	2854	3136
10"	4	151	320	694	1237	2047	3240	4859	5340
12"	5	234	495	1072	1911	3162	5005	7505	8250

### Material Specification

No.	Part Name	Materials
1	Body	Ductile Iron
2	Seat	EPDM / PTFE / BUNA / VITON
3	Lower Stem	410 Stainless Steel
4	Disc	316 Stainless Steel
5	Upper Stem	410 Stainless Steel
6	Locating Pin	Cast Steel
7	Bushing	PTFE
8	O-ring	EPDM



DIAGONAL SQUARE HEAD



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