

Lugged Butterfly Valves



Our center line type butterfly valves have been developed with more than 20 years' scientific research & application experiences.

They are with better torque control, easy operation, easy installation and maintenance.



Description:

The BVL Series Butterfly Valves are PN16 pressure rated, Fully Lugged Ductile Iron body with a fusion bonded epoxy coating, 316SS Disc, Vulcanized NBR liner/seat as standard configuration.

These valves are available in PN16/Table D, Table E and ANSI150 flange pattern.

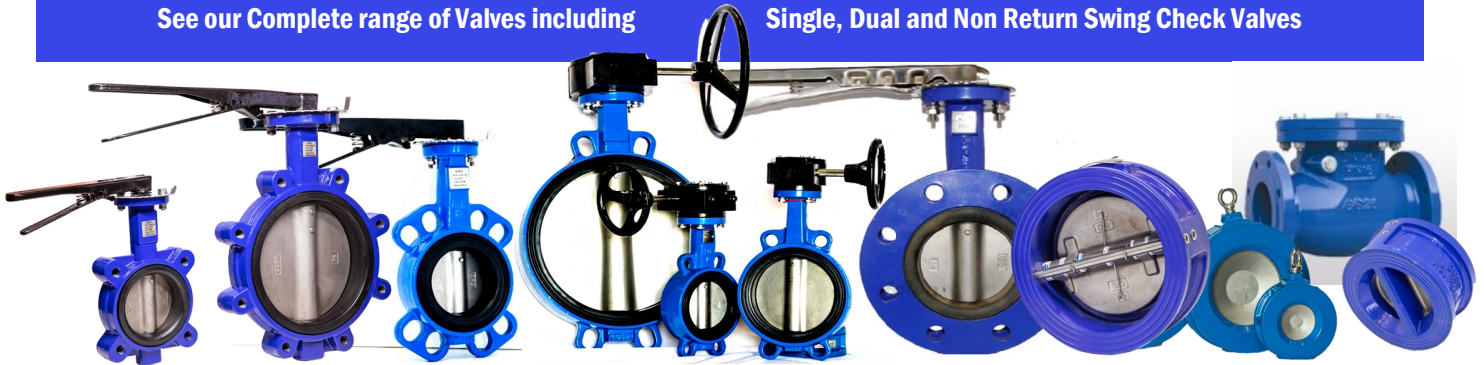
The ISO 5211 top mounting flange allows the valve to be operated by either standard lever (up to 300mm), Gearbox or actuator.

As the seat is vulcanised to the body of the valve this allows for various applications including Bi-directional and vacuum installations. Suitable for all industries and applications including Mining, Industrial, Civil, Marine, Agriculture, Water Treatment and Wastewater.

Other configurations can be manufactured upon request.

See our Complete range of Valves including

Single, Dual and Non Return Swing Check Valves



GWG GLOBAL WATER GROUP

Townsville: P: 07 4779 0173

48 Keane St. Currajong, QLD 4812.



Brisbane: P: 07 3517 5595

25 Staple St. Seventeen Mile Rocks, 4073

W: www.gwgvalvesandpoly.com.au

BUTTERFLY VALVE - LUGGED GEAR

CODE	DN	L	TABLE D		TABLE E		ANSI 150			ISO 5211 TOP FLANGE				Shaft Size		
			ØC	n-Ød	ØC	n-Ød	ØC	n-Ød	H1	H2	H3	FLANGE ØN	ØC1	n1-Ød1	HxH	ØC6
BVLNG050	50	43	114	4 - Ø 18	114	4 - Ø 18	120.6	4 - Ø 19	57	143	29	F05	65	50	4 - Ø 8	9x9
BVLNG065	65	46	127	4 - Ø 18	127	4 - Ø 18	139.7	4 - Ø 19	68	145	29	F05	65	50	4 - Ø 8	9x9
BVLNG080	80	46	146	4 - Ø 18	146	4 - Ø 18	152.4	4 - Ø 19	82	160	29	F05	65	50	4 - Ø 8	9x9
BVLNG100	100	52	178	8 - Ø 18	178	8 - Ø 18	190.5	8 - Ø 19	100	181	29	F07	90	70	4 - Ø 10	11x11
BVLNG125	125	56	210	8 - Ø 18	210	8 - Ø 18	215.9	8 - Ø 22.4	112	194	29	F07	90	70	4 - Ø 10	14x14
BVLNG150	150	56	235	8 - Ø 18	235	8 - Ø 22	241.3	8 - Ø 22.4	126	202	29	F07	90	70	4 - Ø 10	14x14
BVLNG200	200	60	292	8 - Ø 18	292	8 - Ø 22	298.4	8 - Ø 22.4	162	240	35	F10	125	102	4 - Ø 12	17x17
BVLNG250	250	68	356	8 - Ø 22	356	12 - Ø 22	361.9	12 - Ø 25.4	193	272	35	F10	125	102	4 - Ø 12	22x22
BVLNG300	300	78	406	12 - Ø 22	406	12 - Ø 26	431.8	12 - Ø 25.4	236.5	318	35	F10	125	102	4 - Ø 12	22x22
BVLNG350	350	78	470	12 - Ø 26	470	12 - Ø 26	476.2	12 - Ø 28.4	368	267	45	F10	125	102	4 - Ø 12	31.6
BVLNG400	400	102	521	12 - Ø 26	521	12 - Ø 26	539.7	16 - Ø 28.4	400	298.6	51.2	F14	175	140	4 - Ø 18	33.15
BVLNG450	450	114	584	12 - Ø 26	584	16 - Ø 26	577.8	16 - Ø 31.8	422	318	51.2	F14	175	140	4 - Ø 18	38
BVLNG500	500	127	641	16 - Ø 26	641	16 - Ø 26	635	20 - Ø 31.8	480	355	64.2	F14	175	140	4 - Ø 18	41.15
BVLNG600	600	154	756	16 - Ø 30	756	16 - Ø 33	749.3	20 - Ø 35.1	562	444	70.2	F16	210	165	4 - Ø 22	50.65

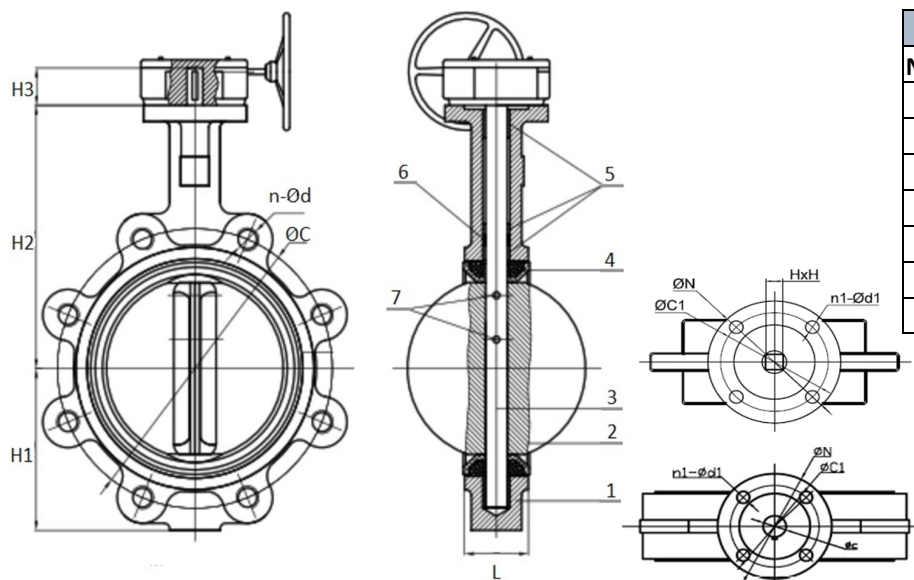
BUTTERFLY VALVE - LUGGED LEVER

CODE	DN	L	TABLE D		TABLE E		ANSI 150			ISO 5211 TOP FLANGE				Shaft Size		
			ØC	n-Ød	ØC	n-Ød	ØC	n-Ød	H1	H2	H3	FLANGE ØN	ØC1	n1-Ød1	HxH	
BVLNL050	50	43	114	4 - Ø 18	114	4 - Ø 18	120.6	4 - Ø 19	57	143	29	F05	65	50	4 - Ø 8	9x9
BVLNL065	65	46	127	4 - Ø 18	127	4 - Ø 18	139.7	4 - Ø 19	68	155	29	F05	65	50	4 - Ø 8	9x9
BVLNL080	80	46	146	4 - Ø 18	146	4 - Ø 18	152.4	4 - Ø 19	82	160	29	F05	65	50	4 - Ø 8	9x9
BVLNL100	100	52	178	8 - Ø 18	178	8 - Ø 18	190.5	8 - Ø 19	100	181	29	F07	90	70	4 - Ø 10	11x11
BVLNL125	125	56	210	8 - Ø 18	210	8 - Ø 18	215.9	8 - Ø 22.4	112	194	29	F07	90	70	4 - Ø 10	14x14
BVLNL150	150	56	235	8 - Ø 18	235	8 - Ø 22	241.3	8 - Ø 22.4	126	202	29	F07	90	70	4 - Ø 10	14x14
BVLNL200	200	60	292	8 - Ø 18	292	8 - Ø 22	298.4	8 - Ø 22.4	162	240	35	F10	125	102	4 - Ø 12	17x17
BVLNL250	250	68	356	8 - Ø 22	356	12 - Ø 22	361.9	12 - Ø 25.4	193	272	35	F10	125	102	4 - Ø 12	22x22
BVLNG300	300	78	404	12 - Ø 22	406	12 - Ø 26	431.8	12 - Ø 25.4	236.5	318	35	F10	125	102	4 - Ø 12	22x22

Notes

- Design and manufacture according to API609
- Face to face according to API609
- Flange Drilling according to AS2129
- Inspection and test according to API598
- Top flange drilling according to ISO 5211
- Fastners: 316 Stainless Steel

Nominal Pressure (PN)		16
Test Pressure	Body/Shell Test	2.4Mpa
	Seat Test	1.76Mpa
Maximum Working Temperature		-10°C to + 90°C
Suitable Media		W.O.G. etc



Components Details		
No.	Item	Material
1	Body	Ductile Iron
2	Disc	SS 316
3	Stem	SS 420
4	Stem Bushing	PTFE
5	Seat	NBR
6	O-Ring	NBR
7	Pin	SS 316

