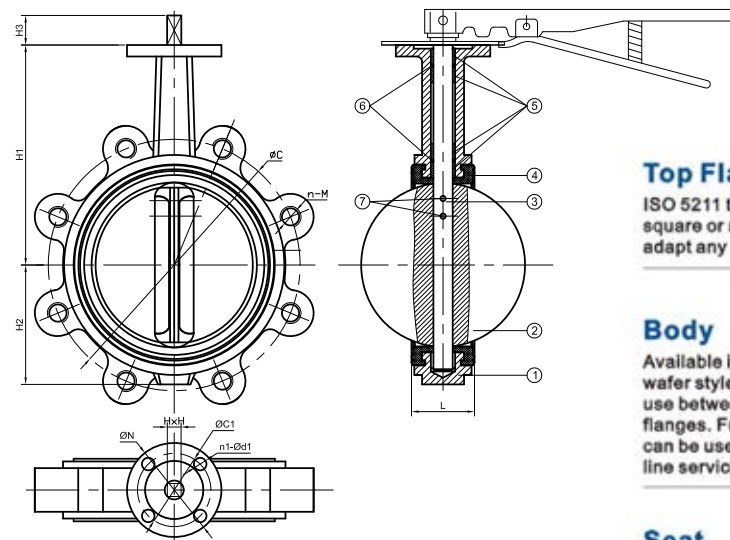


BUTTERFLY VALVES LUGGED LEVER AND LUGGED GEAR

Size	Gear	Lever	L	AS2129 Table E		H1	H2	H3	Flange No.	ON	OC1	n1-Od1	HXH
				OC	n-M								
50	-	BVLL050	43	114	4-M16	55	143	29	F05	65	50	4-8	9x9
65	-	-	46	127	4-M16	64	155	29	F05	65	50	4-8	9x9
80	-	BVLL080	46	146	4-M16	72	162	29	F05	65	50	4-8	9x9
100	BVLG100	BVLL100	52	178	8-M16	90	181	29	F07	90	70	4-10	11x11
125	-	-	56	210	8-M16	101	179	29	F07	90	70	4-10	11x11
150	BVLG150	BVLL150	56	235	8-M20	114	210	29	F07	90	70	4-10	11x11
200	BVLG200	BVLL200	60	292	8-M20	145	240	35	F10	125	102	4-12	17x17
250	BVLG250	BVLL250	68	356	12-M20	178	286	35	F10	125	102	4-12	22x22
300	BVLG300	BVLL300	78	406	12-M24	204	309	35	F10	125	102	4-12	22x22



Top Flange

ISO 5211 top flange with square or round stem to adapt any type of actuators.

Body

Available in full lug and wafer styles designed for use between all kinds of flanges. Fully lugged body can be used for end of line services.

Seat

Cartridge style seat incorporates an elastomer bonded to a phenolic stabilizing ring, eliminates elastomer movement and reduces seat tearing or fatiguing, maintaining low seating torque. Sealing isn't affected by extrusion. Cartridge style seat also permits easy change without special tools.

Disc

Disc edge is machined and polished well to assure leak-tight shut off while minimizing operating torque.

Shaft

Secured stem retainer plate for valves without pin between disc and shaft as blowout-proof protection.

Bushing

The five bushing design made in PTFE for maximum radial support and shaft rigidity, prevent shaft deflection and completely isolates the valve shaft from the body, resulting in increased control of the valve disc and longer valve life.

Bi-Directional Sealing

The butterfly valve provides bi-directional sealing at full-rated with identical flow from either direction.

- 1.Design and manufacture according to API609.
- 2.Face to face according to API609.
- 3.Flange drilling according AS2129 T/E.
- 4.Top flange drilling according to ISO 5211.
- 5.Pressure test according to ISO5208.

GWG Valves and Poly Fittings

PH: 07 4779 0173

48 Keane Street Currajong North Queensland

Email: sales@gwgvalvesandpoly.com.au



VALVES

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

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



VARIOUS APPLICATIONS UNDER DIFFERENT OPERATING CONDITIONS

- ◆ Portable water, water factory
- ◆ Wastewater treatment and environmental protection
- ◆ Agriculture
- ◆ Energy, Power & Utilities
- ◆ HVAC system
- ◆ Building fire control system
- ◆ Chemical and petrochemical

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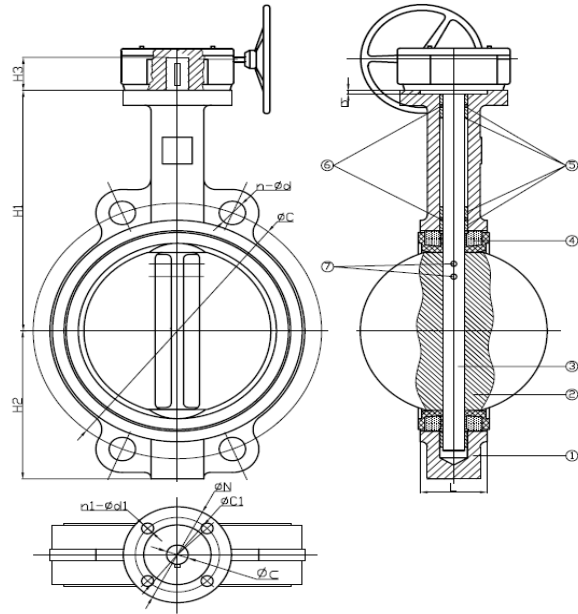
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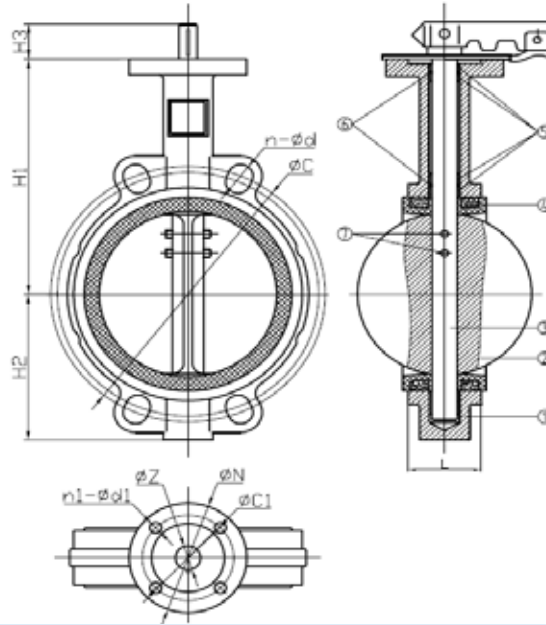
GEAR WAFER BUTTERFLY VALVES

LEVER WAFER BUTTERFLY VALVES



DESIGN FEATURES AND ADVANTAGES

- ◆ Concentric design
- ◆ Cartridge seat & groove locks boot seat
- ◆ Replaceable seat
- ◆ Standardized top flange for actuator adaption
- ◆ Direct mounting of actuators without any additional brackets
- ◆ Economy & high performance



Parts	Description	Material
1	Body	Cast Iron
2	Disc	SS304
3	Stem	SS416
4	Seat	EPDM
5	Bushing	PTFE
6	O-Ring	EPDM
7	Pin	SS304



- ◆ Stems are blowout-proof type.
- ◆ Low maintenance design and long service life
- ◆ High Cv, lower head loss results in energy savings for customer's system.
- ◆ Maximum flow and range ability is achieved with the use of a streamlined disc
- ◆ Longer seat life with low operating torques is ensured by utilizing upper and lower stem bearings



Size (mm) / (DN)	Size (Inch)	Code	L	AS2129 TABLE E		H1	H2	H3	ISO5211				ØZ	Weight (KG)
				ØC	n-Ød				TOP	ØN	ØC1	n1-Ød1		
50	2"	BVWEG050	43	114	4-18	140	70	29	F05	65	50	4-Ø8	12.6	7.84
65	2 1/2"	BVWEG065	46	127	4-18	155	79	29	F05	65	50	4-Ø8	12.6	8.46
80	3"	BVWEG080	46	146	4-18	160	95	29	F05	65	50	4-Ø8	12.6	8.60
100	4"	BVWEG100	52	178	8-18	180	107	29	F07	90	70	4-Ø10	15.77	10.00
125	5"	BVWEG125	56	210	8-18	193	120	29	F07	90	70	4-Ø10	18.92	13.70
150	6"	BVWEG150	56	235	8-22	200	139	29	F07	90	70	4-Ø10	18.92	13.70
200	8"	BVWEG200	60	292	8-22	240	170	35	F10	125	102	4-Ø12	22.1	25.00
250	10"	BVWEG250	68	356	12-22	272	200	35	F10	125	102	4-Ø12	28.45	32.00
300	12"	BVWEG300	78	406	12-26	317	242	37	F10	125	102	4-Ø12	31.6	45.00
350	14"	BVWEG350	78	470	12-26	368	267	45	F10	125	102	4-Ø12	31.6	58.00
400	16"	BVWEG400	102	521	12-26	400	298.6	51.2	F14	175	140	4-Ø18	33.15	107.00
450	18"	BVWEG450	114	584	16-26	422	318	51.2	F14	175	140	4-Ø18	38	107.00
500	20"	BVWEG500	127	641	16-26	480	355	64.2	F14	175	140	4-Ø18	41.15	160.00
600	24"	BVWEG600	154	756	16-33	562	444	70.2	F16	210	165	4-Ø22	50.65	260.00

Size (mm) / (DN)	Size (Inch)	Code	L	AS2129 TABLE E		H1	H2	H3	ISO5211				ØZ	Weight (KG)
				ØC	n-Ød				TOP	ØN	ØC1	n1-Ød1		
50	2"	BVWEL050	43	114	4-18	140	70	29	F05	65	50	4-Ø8	12.6	3.22
65	2 1/2"	BVWEL065	46	127	4-18	155	79	29	F05	65	50	4-Ø8	12.6	5.00
80	3"	BVWEL080	46	146	4-18	160	95	29	F05	65	50	4-Ø8	12.6	4.60
100	4"	BVWEL100	52	178	8-18	180	107	29	F07	90	70	4-Ø10	15.77	5.80
125	5"	BVWEL125	56	210	8-18	193	120	29	F07	90	70	4-Ø10	18.92	8.00
150	6"	BVWEL150	56	235	8-22	200	139	29	F07	90	70	4-Ø10	18.92	9.50
200	8"	BVWEL200	60	292	8-22	240	170	35	F10	125	102	4-Ø12	22.1	16.00
250	10"	BVWEL250	68	356	12-22	272	200	35	F10	125	102	4-Ø12	28.45	21.00
300	12"	BVWEL300	78	406	12-26	317	242	37	F10	125	102	4-Ø12	31.6	35.00

Nominal Pressure		PN16
Test	Strength Test	2.4Mpa
Pressure	Sealing Test	1.76Mpa
Max Working Temp.		-10°C to + 90°C

