

DIMAX BUTTERFLY VALVE PN16 WAFER BUTTERFLY VALVE

Designed and Manufactured
to AS 4795.1



RANGE OVERVIEW

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Rated to 1600kpa from DN 50 to DN 300

Stainless steel fasteners

Bi-directional bubble-tight sealing, with no leakage under pressure

ISO top mounting flange for easy actuation

- Gearboxes
- Electric Actuation
- Pneumatic Actuation

Vulcanised seat held securely in position making it suitable for vacuum applications

High strength two piece shaft which provides greater flow capabilities while eliminating pins and bolts

Blow-out proof stem ensures operator safety and eliminates OH&S concerns

Heavy duty shaft bushing ensures proper disc alignment and absorbs side thrusts, reducing valve wear and extending the lifespan

Suitable for high repetition, actuated applications

DESCRIPTION

The Dimax wafer butterfly valve is a soft sealing valve for installation between AS/ NZS 4087 Flanges. Engineered for long-term, maintenance-free performance, Dimax butterfly valves are selected for a wide range of industries.

GENERAL APPLICATION

Designed and manufactured for applications including Water and Waste Water, Mining, Desalination, Pumping, Industrial Processing, Irrigation, Hazardous Materials Handling and Chemical Services.

TECHNICAL DATA

Size Range

DN 50 - DN 300

Temperature Range

-40°C to 120°C

Allowable Operating Pressures

DN 50 - DN 300 = 1600kPa

End Connection

Compatible with AS/NZS 4087 B5, AS 2129 Table D & Table E, ISO, BS/EN, DIN PN16

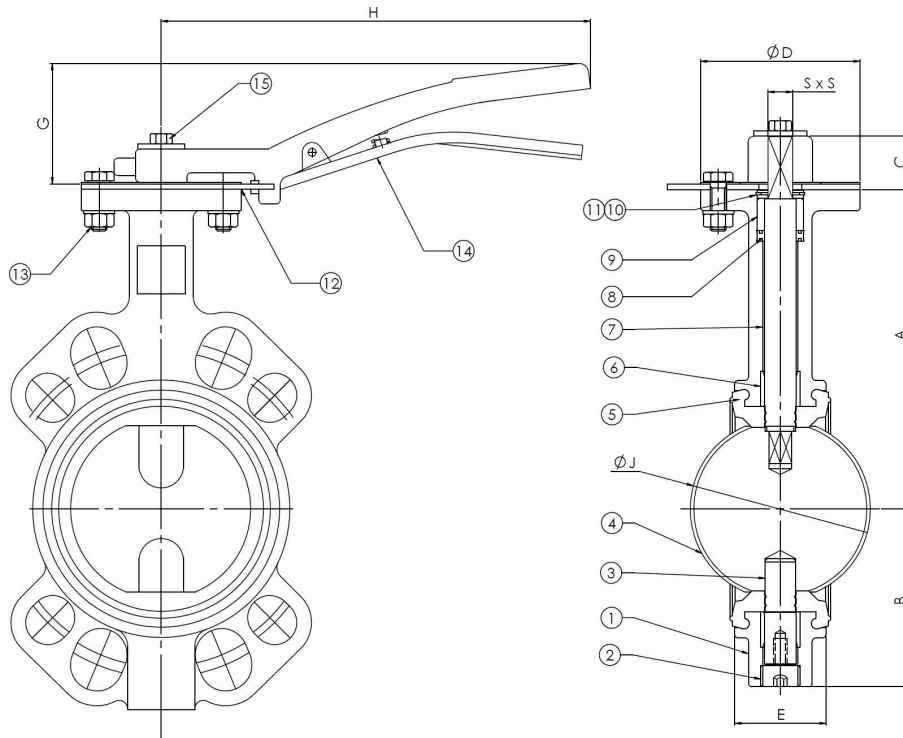
Coating

Fusion Bonded to AS/NZS 4158

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No	Description Material / Standard
1	Body Ductile Iron / 500-7 to AS1831
2	Plug Stainless Steel / 316 to ASTM A276
3	Lower Shaft Stainless Steel / 431 to ASTM A276
4	Disc Stainless Steel / CF8M to ASTM A352
5	Seat Vulcanised EPDM Rubber to AS 1646
6	Shaft Bearing Brass CW614N to EN 12164
7	Upper Shaft Stainless Steel / 431 to ASTM A276
8	Shaft Seals NBR Rubber to AS 1646
9	Top Bearing Acetal
10	Shaft Washer Stainless Steel / 316 to ASTM A276
11	Shaft Circlip Stainless Steel / 316 to ASTM A276
12	Notch Plate Stainless Steel / 316 to A182
13	Fasteners Stainless Steel / A4 - 70
14	Handle Assembly Ductile Iron / 450-10 to AS 1831
15	Bolts/Washers Stainless Steel / A4 - 70

NOMINAL SIZE DN	A mm	B mm	C mm	ØD mm	E mm	G mm	H mm	ØJ mm	S x S mm	WEIGHT kg
50	160	80	30	90	43	68	242	57	11 x 11	2.6
65	175	90	30	90	46	68	242	72	11 x 11	3.6
80	180	95	30	90	46	68	242	83	11 x 11	4.0
100	200	115	30	90	52	68	242	102	14 x 14	5.3
125	215	135	30	90	56	68	242	128	14 x 14	6.9
150	225	138	30	90	56	68	242	151	17 x 17	8.4
200	241	174	30	126	60	90	326	201	17 x 17	13.3
250	295	198	30	126	68	98	416	250	22 x 22	19.6
300	336	234	30	126	78	98	416	300	22 x 22	32.2

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CERTIFICATIONS

IAPMO AS4795.1 OceanaMark Licence No. OMK32136

WaterMark AS4795.1 IAPMO-WM-032136

AS/NZS 4020 – Testing for use in contact with drinking water

