

DIMAX BUTTERFLY VALVE

DN50-300 PN16 LUGGED BUTTERFLY VALVE



FEATURES

- Bi-directional bubble tight sealing for no leakage under pressure
- Vulcanised seat held securely in position, making it suitable for vacuum applications
- Heavy duty shaft bushing ensuring proper disc alignment and side thrust absorption, reducing valve wear and extending lifespan
- ISO top mount flanges for easy actuation
- High strength two-piece shaft provides greater flow capabilities whilst eliminating pins and bolts
- Blow out proof stem eliminates OH&S concerns
- Come standard with lever, kits available with gear operator or lockable lever



APPLICATION

DIMAX Lugged Butterfly Valve is a soft sealing valve for installation with flanges compatible with AS/NZS 4087 Figure B5 or AS2129 Table E.

Suitable for a wide range of high repetition, actuated applications and industries such as water, wastewater, mining, desalination, pumping, industrial, irrigation, hazardous materials and chemical services.

TECHNICAL DATA

Size Range

DN50-DN300

Allowable Operating Pressure

1600kPa

Temperature

-40°C to 120°C

CERTIFICATIONS

OceanaMark License No. OMK32136

WaterMark AS4795.1 IAPMO-WM-032136

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

AS/NZS3952-2002 – Water Supply – Spring hydrant valve for waterworks purposes

Fusion bonded polymeric coating to AS/NZS 4158

Flange connections drilled to AS/NZS 4087 PN16 (Figure B5) AS2129 Table E



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LINE DRAWING 1

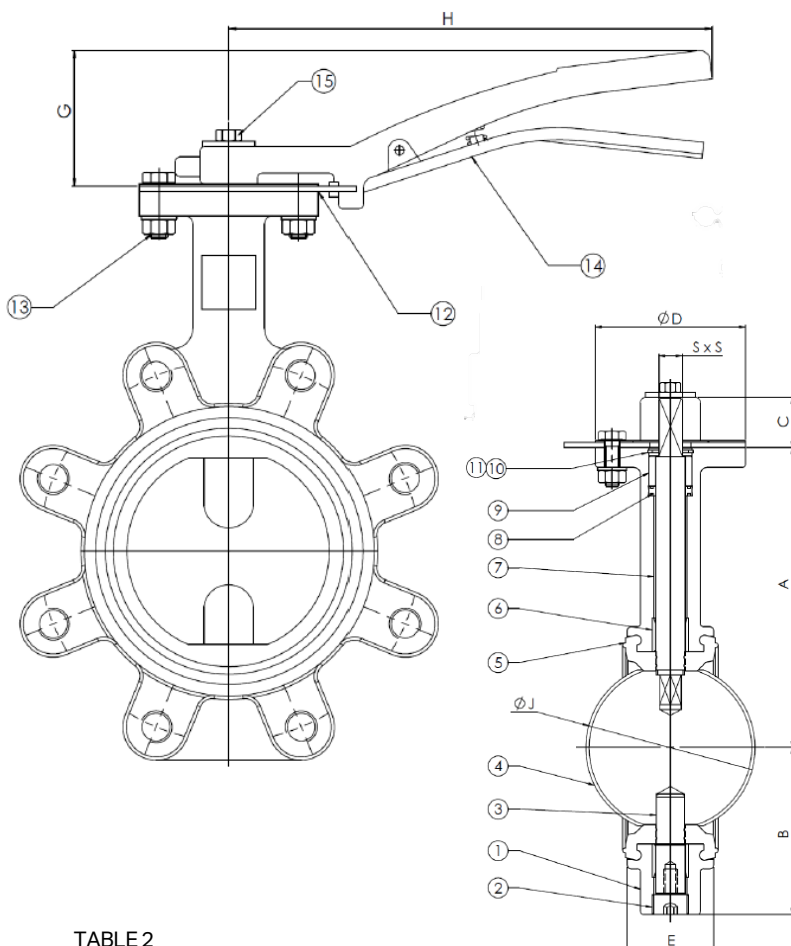


TABLE 1

NO.	DESCRIPTION	MATERIAL
1	Body	500-7 to AS1831 Ductile Iron
2	Plug	ASTM A276 316 Stainless Steel
3	Lower Shaft	ASTM A276 431 Stainless Steel
4	Disc	CF8M to ASTM A352 Stainless Steel
5	Seat	Vulcanised AS1646 EPDM Rubber
6	Shaft Bearing	CW614N to EN12164 Brass
7	Upper Shaft	ASTM A276 431 Stainless Steel
8	Shaft Seal	NBR AS1646 Synthetic Rubber
9	Top Bearing	Acetal
10	Shaft Washer	ASTM A276 316 Stainless Steel
11	Shaft Circlip	ASTM A276 316 Stainless Steel
12	Notch Plate	A182 316 Stainless Steel
13	Fasteners	A4 – 70 Stainless Steel
14	Handle Assembly	450-10 to AS1831 Ductile Iron
15	Bolts/Washers	A4 – 70 Stainless Steel

TABLE 2

DN	TABLEE code	A mm	B mm	C mm	ØD mm	E mm	G mm	H mm	ØJ mm	SxS mm	Weight kg
50	1281969	140	68	30	90	43	68	242	57	11 x 11	3
65	1281970	152	76	30	90	46	68	242	72	11 x 11	3.4
80	1281971	160	85	30	90	46	68	242	83	11 x 11	3.7
100	1281972	180	100	30	90	52	68	242	102	14 x 14	6.5
125	1281973	191	120	30	90	56	68	242	128	14 x 14	8.3
150	1281974	202	132	30	90	56	68	242	151	17 x 17	10.2
200	1281975	237	164	30	126	60	90	326	201	17 x 17	16.8
250	1281976	275	200	30	126	68	98	416	250	22 x 22	24.2
300	1281977	313	230	30	126	78	98	416	300	22 x 22	34.2

*TABLE D AVAILABLE FOR DN100, DN150, DN200-250

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TORQUE TO CLOSE Nm

DN	PN10	PN16
50	6	8
65	12	15
80	22	27
100	36	45
125	40	50
150	65	80
200	140	175
250	185	230
300	320	400