

FEATURES

- Ductile iron body and bonnet for high strength and impact resistance
- Ductile iron gate fully encapsulated in EPDM elastomer to ensure drop tight sealing
- 431 stainless steel spindle for high strength and corrosion resistance
- Isolated fasteners for corrosion protection
- Straight through full bore to avoid debris traps
- Anti-friction thrust washer for low operating torques
- Cast-in feet for safe and easy storage



APPLICATION

DIMAX OS&Y Valve is a resilient seated gate valve with a rising spindle, suitable for above ground water and wastewater applications.

Commonly used for fire service applications where a positive indication of an open and closed position is necessary.

TECHNICAL DATA

Size Range

DN80-DN300

Testing Pressure

Body Strength = 2400kPa

Seat Leakage Pressure = 1760kPa

Allowable Operating Pressure

1600kPa

Operation

Handwheel, Clockwise Close

CERTIFICATIONS

License No. WM-021996 OMK21996

AS/NZS 2638.2 – Resilient Seated Gate Valves for Waterworks

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

Fusion bonded polymeric coating to AS/NZS 4158

Flange connections drilled to AS/NZS 4087 PN16 and AS2129 Table E



LINE DRAWING 1

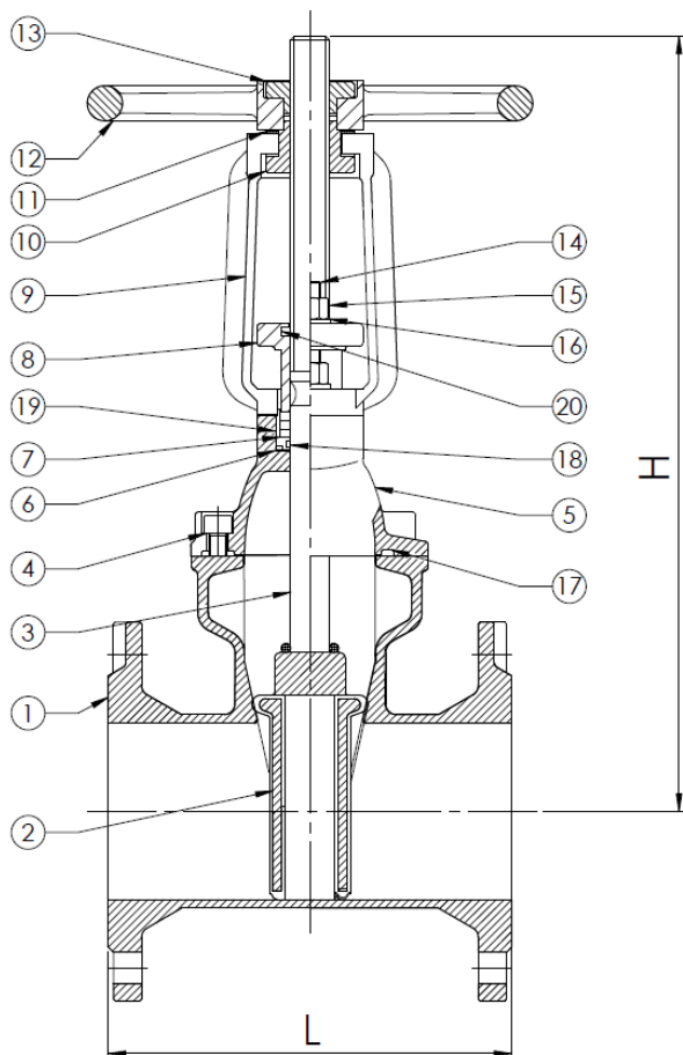


TABLE 1

NO.	DESCRIPTION	MATERIAL
1	Body	450-10 to AS1831 Ductile Iron
2	Wedge	EPDM Encapsulated Ductile Iron
3	Spindle	ASTM A276 316 Stainless Steel
4	Socket Screw	ASTM A276 316 Stainless Steel
5	Bonnet	450-10 to AS1831 Ductile Iron
6	O-Ring	NBR AS1646 Synthetic Rubber
7	O-Ring	NBR AS1646 Synthetic Rubber
8	Gland	450-10 to AS1831 Ductile Iron
9	Yoke	450-10 to AS1831 Ductile Iron
10	Stem Nut	C95210 to AS1565 Bronze
11	Washer	C95210 to AS1565 Bronze
12	Handwheel	450-10 to AS1831 Ductile Iron
13	Handwheel Nut	C95210 to AS1565 Bronze
14	Bolt	ASTM A276 316 Stainless Steel
15	Nut	ASTM A276 316 Stainless Steel
16	Washer	ASTM A276 316 Stainless Steel
17	Gasket	EPDM AS1646 Synthetic Rubber
18	O-Ring	NBR AS1646 Synthetic Rubber
19	Bushing	C95210 to AS1565 Bronze
20	Wiper Ring	NBR AS1646 Synthetic Rubber

TABLE 2

DN	CODE	L mm	H mm
80	1282001	203	426
100*	1282002	229	455
150	1282003	267	615
200	1282004	292	770
250	1282005	330	965
300	1282006	356	1050

*AVAILABLE WITH B5 FLANGE