

DIMAX GATE VALVE

PN16 RESILIENT SEATED



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
- Grade 431 stainless steel spindle for high strength and corrosion resistance
- Triple O-ring and wiper ring seal housing for long life operation
- Back seal facility to allow for replacement under full operating pressure
- Straight through full bore to avoid debris traps
- Isolated fasteners for corrosion protection
- Cast-in feet for safe and easy storage
- Low operating torque
- Available in flanged, socketed, flange-to-socket and spigot variations



APPLICATION

DIMAX Resilient Seated Gate Valves are used for the isolation of sections and branches in above and below ground pipelines. Suitable for use in potable water and wastewater applications.

TECHNICAL DATA

Size Range

DN80-DN600

Allowable Operating Pressure

1600kPa

Working Temperature

Max. Design Temperature = 70°C

AS4020 Temperature = 40°C

Operation

Anticlockwise or clockwise closing

CERTIFICATIONS

OceanaMark 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 or AS2129 TE



DIMAX GATE VALVE

DN80-600 PN16 RESILIENT SEATED – FLANGE



LINE DRAWING 1

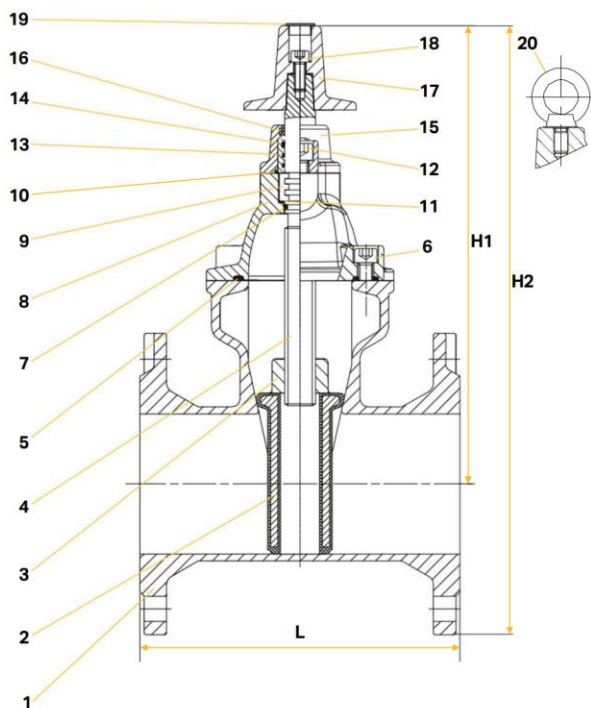


TABLE 2

DN	CODE ACC	CODE CC	L mm	H1 mm	H2 mm	WEIGHT kg
80	1281650	1281651**	203	310	385	13.5
100*	1281652	1281653**	229	335	420	18
150*	1281654	1281655**	267	430	565	37
200*	1281656	1281657**	292	545	720	57
225	1281684	1281685	305	660	850	85
250*	1281659	1281658	330	660	855	90.5
300*	1281660	1281661	356	745	970	135
350	1281901	1281902	381	960	1240	225
375	1281903	1281904	381	1025	1320	250
400	1281905	1281906	406	1025	1335	260
450	1281907	1281908	432	1145	1485	400
500	1281909	1281910	457	1230	1600	500
600	1281911	1281912	508	1360	1790	710

TABLE 1

NO.	DESCRIPTION	MATERIAL
1	Body	450-10 to AS1831 Ductile Iron
2	Wedge	DI with EPDM Encapsulated
3	Wedge Nut	C95210 to AS1565 Bronze
4	Spindle	ASTM A276 316 Stainless Steel
5	Gasket	EPDM AS1646 Synthetic Rubber
6	Socket Screw	ASTM A276 316 Stainless Steel
7	O-Ring	NBR AS1646 Synthetic Rubber
8	Bonnet	450-10 to AS1831 Ductile Iron
9	Thrust Collar	AS2837 316 Stainless Steel
10	O-Ring	AS2837 316 Stainless Steel
11	Washer	C95210 to AS1565 Bronze
12	Socket Screw	ASTM A276 316 Stainless Steel
13	Gland Bush	C95210 to AS1565 Bronze
14	O-Ring	NBR AS1646 Synthetic Rubber
15	Gland	450-10 to AS1831 Ductile Iron
16	Dust Band	NBR AS1646 Synthetic Rubber
17	Spindle Cap / Handwheel	450-10 to AS1831 Ductile Iron
18	Socket Screw	ASTM A276 316 Stainless Steel
19	Protection Cap	LD Polyethylene
20	Eye Bolt	ASTM A276 316 Stainless Steel

*AVAILABLE IN AS2129 TE FLANGE **AVAILABLE IN KITS WITH A HANDWHEEL

DIMAX GATE VALVE

DN100-300 PN16 RESILIENT SEATED – SOCKET



LINE DRAWING 1

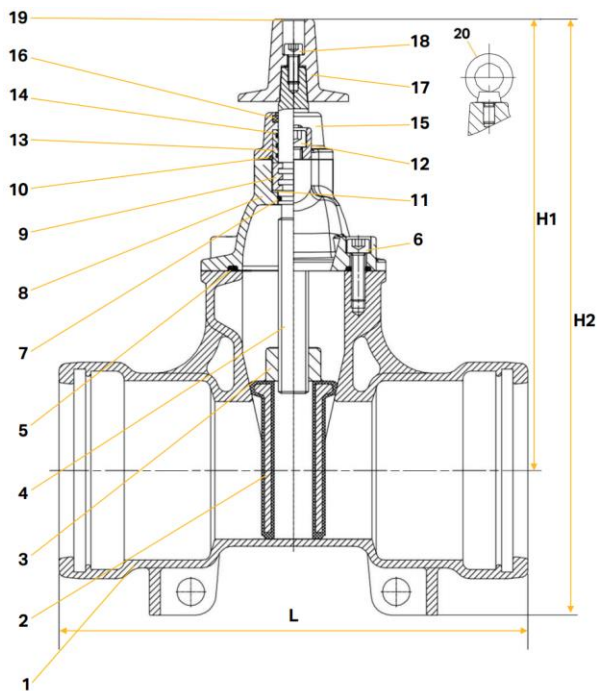


TABLE 2

DN	CODE ACC	CODE CC	L mm	H1 mm	H2 mm	WEIGHT kg
100	1281662	1281663	340	335	445	17
150	1281664	1281665	370	440	570	32.5
200	1282040	1282041	410	545	715	57
225	1282042	1282043	440	660	845	92
250	1282044	1282045	450	660	860	95
300	1282046	1282047	485	745	975	135

TABLE 1

NO.	DESCRIPTION	MATERIAL
1	Body	450-10 to AS1831 Ductile Iron
2	Wedge	DI with EPDM Encapsulated
3	Wedge Nut	C95210 to AS1565 Bronze
4	Spindle	ASTM A276 316 Stainless Steel
5	Gasket	EPDM AS1646 Synthetic Rubber
6	Socket Screw	ASTM A276 316 Stainless Steel
7	O-Ring	NBR AS1646 Synthetic Rubber
8	Bonnet	450-10 to AS1831 Ductile Iron
9	Thrust Collar	AS2837 316 Stainless Steel
10	O-Ring	AS2837 316 Stainless Steel
11	Washer	C95210 to AS1565 Bronze
12	Socket Screw	ASTM A276 316 Stainless Steel
13	Gland Bush	C95210 to AS1565 Bronze
14	O-Ring	NBR AS1646 Synthetic Rubber
15	Gland	450-10 to AS1831 Ductile Iron
16	Dust Band	NBR AS1646 Synthetic Rubber
17	Spindle Cap / Handwheel	450-10 to AS1831 Ductile Iron
18	Socket Screw	ASTM A276 316 Stainless Steel
19	Protection Cap	LD Polyethylene
20	Eye Bolt	ASTM A276 316 Stainless Steel

DIMAX GATE VALVE

DN100-150 PN16 RESILIENT SEATED – FLANGE/SOCKET



LINE DRAWING 1

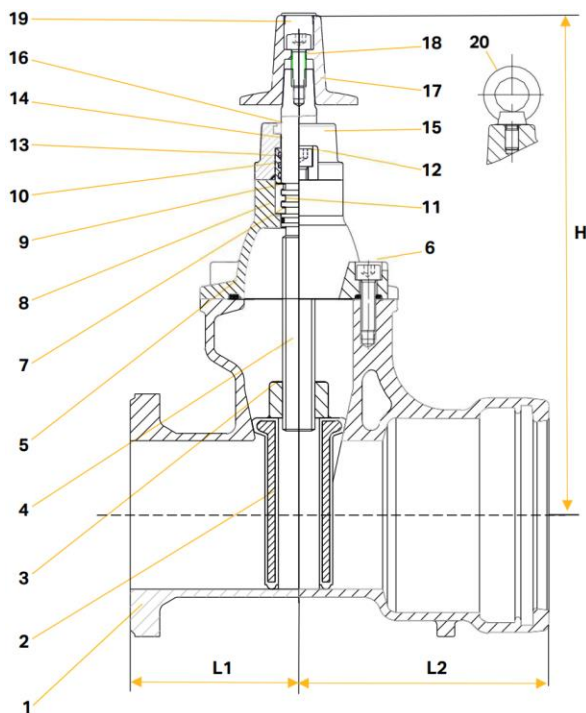


TABLE 2

DN	CODE ACC	CODE CC	L mm	L2 mm	H mm	WEIGHT kg
100	1282121	1282122	114.5	170	335	17
150	1282123	1282124	133.5	185	430	35

TABLE 1

NO.	DESCRIPTION	MATERIAL
1	Body	450-10 to AS1831 Ductile Iron
2	Wedge	DI with EPDM Encapsulated
3	Wedge Nut	C95210 to AS1565 Bronze
4	Spindle	ASTM A276 316 Stainless Steel
5	Gasket	EPDM AS1646 Synthetic Rubber
6	Socket Screw	ASTM A276 316 Stainless Steel
7	O-Ring	NBR AS1646 Synthetic Rubber
8	Bonnet	450-10 to AS1831 Ductile Iron
9	Thrust Collar	AS2837 316 Stainless Steel
10	O-Ring	AS2837 316 Stainless Steel
11	Washer	C95210 to AS1565 Bronze
12	Socket Screw	ASTM A276 316 Stainless Steel
13	Gland Bush	C95210 to AS1565 Bronze
14	O-Ring	NBR AS1646 Synthetic Rubber
15	Gland	450-10 to AS1831 Ductile Iron
16	Dust Band	NBR AS1646 Synthetic Rubber
17	Spindle Cap / Handwheel	450-10 to AS1831 Ductile Iron
18	Socket Screw	ASTM A276 316 Stainless Steel
19	Protection Cap	LD Polyethylene
20	Eye Bolt	ASTM A276 316 Stainless Steel

DIMAX GATE VALVE

DN100-300 PN16 RESILIENT SEATED – SPIGOT



LINE DRAWING 1

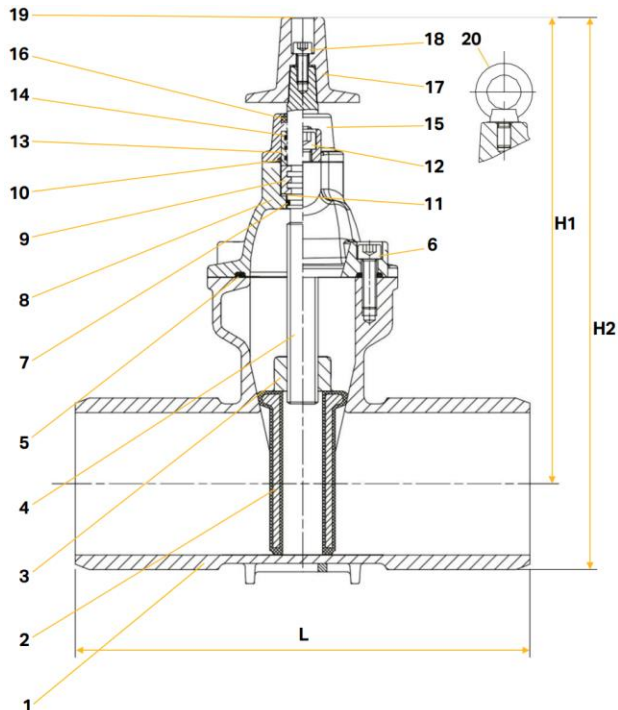


TABLE 2

DN	CODE ACC	CODE CC	L mm	H1 mm	H2 mm	WEIGHT kg
100	1281666	1281667	320	335	410	16
150	1281668	1281669	360	440	530	32
200	1282048	1282049	410	545	665	55
225	1282050	1282051	430	660	790	90
250	1282052	1282053	430	660	805	93
300	1282054	1282055	450	745	920	135

TABLE 1

NO.	DESCRIPTION	MATERIAL
1	Body	450-10 to AS1831 Ductile Iron
2	Wedge	DI with EPDM Encapsulated
3	Wedge Nut	C95210 to AS1565 Bronze
4	Spindle	ASTM A276 316 Stainless Steel
5	Gasket	EPDM AS1646 Synthetic Rubber
6	Socket Screw	ASTM A276 316 Stainless Steel
7	O-Ring	NBR AS1646 Synthetic Rubber
8	Bonnet	450-10 to AS1831 Ductile Iron
9	Thrust Collar	AS2837 316 Stainless Steel
10	O-Ring	AS2837 316 Stainless Steel
11	Washer	C95210 to AS1565 Bronze
12	Socket Screw	ASTM A276 316 Stainless Steel
13	Gland Bush	C95210 to AS1565 Bronze
14	O-Ring	NBR AS1646 Synthetic Rubber
15	Gland	450-10 to AS1831 Ductile Iron
16	Dust Band	NBR AS1646 Synthetic Rubber
17	Spindle Cap / Handwheel	450-10 to AS1831 Ductile Iron
18	Socket Screw	ASTM A276 316 Stainless Steel
19	Protection Cap	LD Polyethylene
20	Eye Bolt	ASTM A276 316 Stainless Steel

DIMAX GATE VALVE

DN80-600 PN16 RESILIENT SEATED



SPARE PARTS

DESCRIPTION	PRODUCT CODE
DIMAX RSGV H/WHEEL +B&W RED CC 80-150	1281883
DIMAX RSGV H/WHEEL +B&W BLUE ACC 80-150	1281882
DIMAX RSGV H/WHEEL +B&W BLUE ACC 200-300	1281884
DIMAX RSGV SPINDLE SEAL KIT 80-100MM	1282020
DIMAX RSGV SPINDLE SEAL KIT 150MM	1282021
DIMAX RSGV SPINDLE SEAL KIT 200MM	1282022
DIMAX RSGV SPINDLE SEAL KIT 225-300MM	1282023
DIMAX RSGV SPINDLE SEAL KIT 350-400MM	1282034
DIMAX RSGV SPINDLE SEAL KIT 450-500MM	1282035
DIMAX RSGV SPINDLE SEAL KIT 600MM	1282036
DIMAX SPINDLE CAP BLUE 80-150MM ACC	1281913
DIMAX SPINDLE CAP BLUE 200-300MM ACC	1281915
DIMAX SPINDLE CAP RED 80-150MM CC	1281916
DIMAX SPINDLE CAP RED 200-300MM CC	1281918
DIMAX SPINDLE CAP LILAC 80-150MM ACC	1282255
DIMAX SPINDLE CAP LILAC 80-150MM CC	1282256
DIMAX SPINDLE CAP LILAC 200-300MM ACC	1282257
DIMAX SPINDLE CAP LILAC 200-300MM CC	1282258
DIMAX RSGV BODY GASKET 80MM	1282024
DIMAX RSGV BODY GASKET 100MM	1282025
DIMAX RSGV BODY GASKET 150MM	1282026
DIMAX RSGV BODY GASKET 200MM	1282027
DIMAX RSGV BODY GASKET 225-250MM	1282028
DIMAX RSGV BODY GASKET 300MM	1282029
DIMAX RSGV BODY GASKET 375-400MM	1282030
DIMAX RSGV BODY GASKET 450MM	1282031
DIMAX RSGV BODY GASKET 500MM	1282032
DIMAX RSGV BODY GASKET 600MM	1282033