

DIMAX GATE VALVES RESILIENT SEATED

Designed and Manufactured
to AS/NZS 2638.2



RANGE OVERVIEW

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

Seal housing incorporates triple O-ring seals and wiper ring for long life operation

Back seal facility to allow for replacement of seals under full operating pressure

Fusion bonded polymeric coating for long life corrosion protection

Straight through full bore to avoid debris traps

Isolated fasteners for corrosion protection

Low operating torques

Integral cast-in feet for safe and easy storage

Anticlockwise closing or clockwise closing available

Anticlockwise closing valves feature a Blue cap with a Black plug

Clockwise closing valves feature a Red cap with a Red plug

Key or hand wheel operation

DESCRIPTION

The Dimax range of Resilient Seated Gate Valves is designed and manufactured to AS/NZS 2638.2 and AS/NZS 4158. Super light, easy to lift and with low operating torques, operation is fast and efficient.

GENERAL APPLICATION

Dimax Resilient Seated Gate Valves are suitable for use with potable water and wastewater in below or above ground applications. Used for the isolation of sections and branches in pipelines.

TECHNICAL DATA

Size Range
DN 80 - DN 300

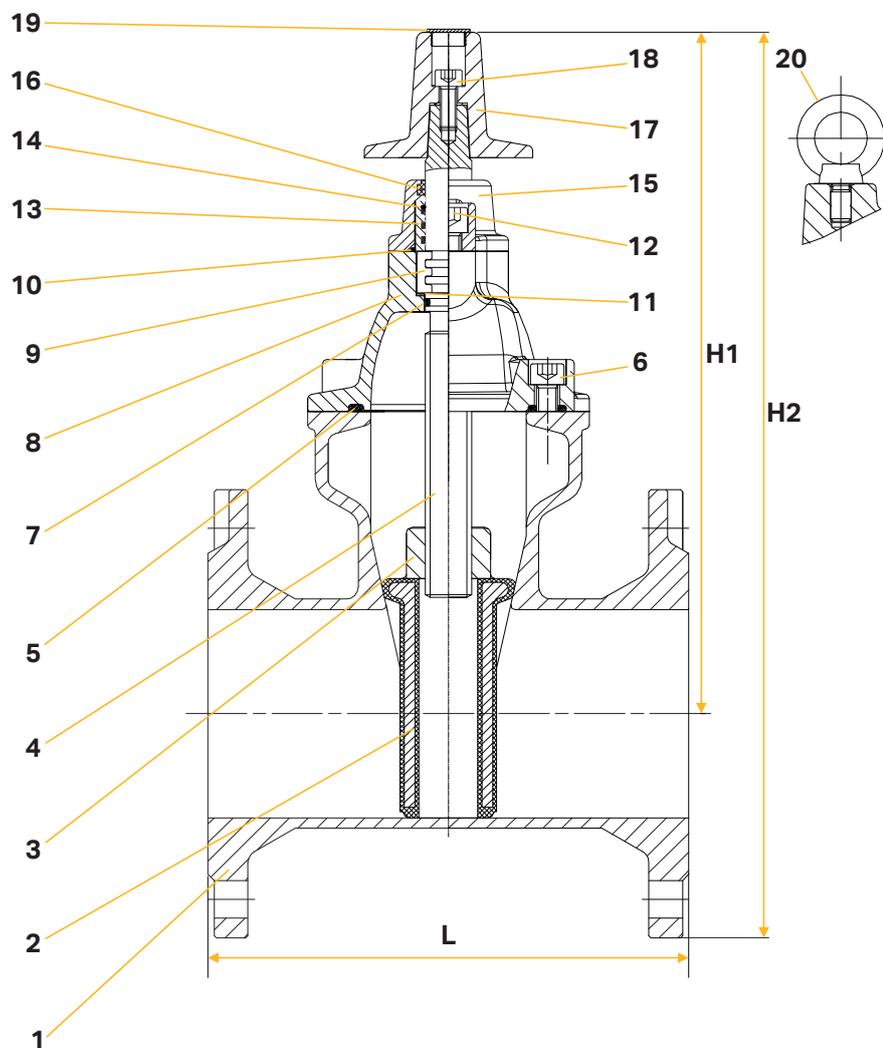
Allowable Operating Pressures
DN80 - DN300 = 1600kPa

Maximum Temperature
40 °C

End Connection
Flanged to AS/NZS 4087
TYTON® socket, spigot

FLANGED GATE VALVES RESILIENT SEATED DN80-300

Designed and Manufactured
to AS/NZS 2638.2

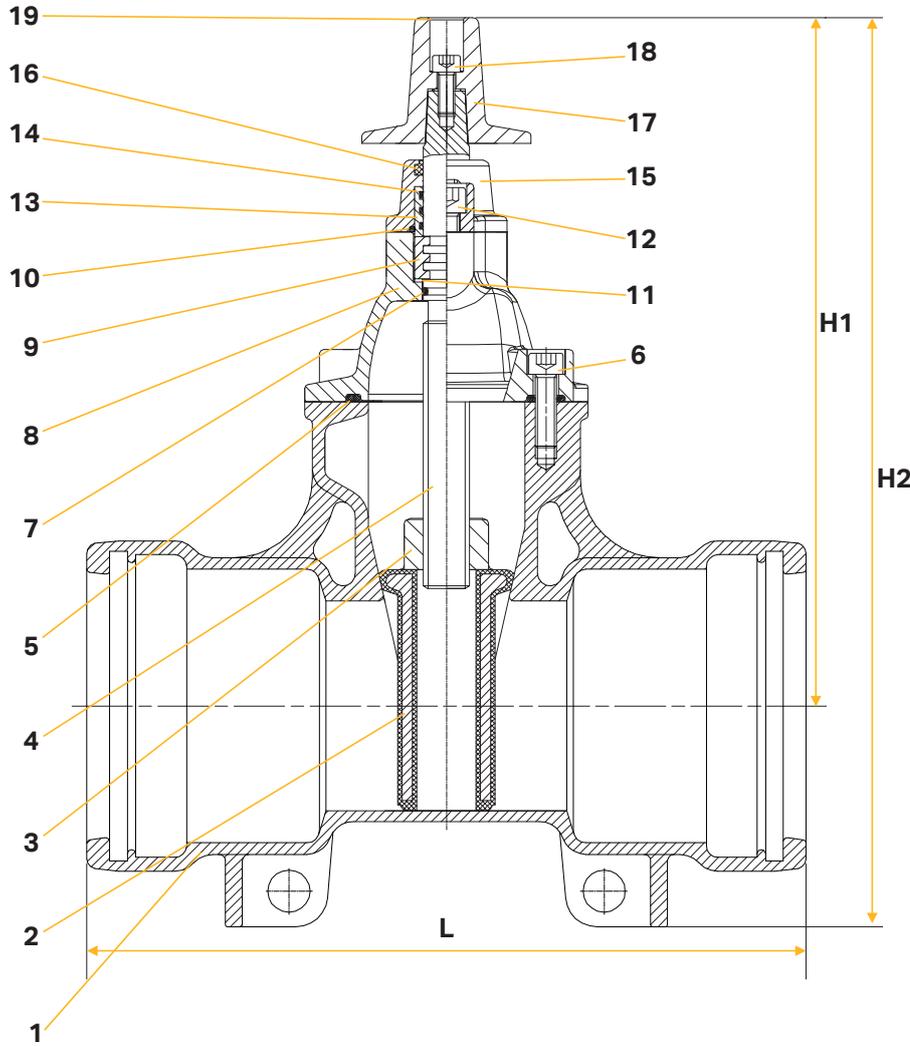


No	Description Material / Standard
1	Body Ductile Iron / 450-10 to AS1831
2	Wedge DI with EPDM Encapsulated
3	Wedge Nut Bronze / C95210 to AS1565
4	Spindle Stainless Steel / 431 to ASTM A27
5	Gasket Synthetic Rubber EPDM AS1646
6	Socket Screw Stainless Steel / 316 to ASTM A276
7	O-Ring Synthetic Rubber / NBR AS1646
8	Bonnet Ductile Iron / 450-10 to AS1831
9	Thrust Collar Bronze / C95210 to AS1565
10	O-Ring Synthetic Rubber / NBR AS1646
11	Washer Bronze / C95210 to AS1565
12	Socket Screw Stainless Steel / 316 to ASTM A276
13	Gland Bush Bronze / C95210 to AS1565
14	O-Ring Synthetic Rubber / NBR AS1646
15	Gland Ductile Iron / 450-10 to AS1831
16	Dustband Synthetic Rubber / NBR AS1646
17	Spindle Cap / Handwheel Ductile Iron / 450-10 to AS1831
18	Socket Screw Stainless Steel / 316 to ASTM A276
19	Protection Cap LDPE
20	Eye Bolt Stainless Steel / 316 to ASTM A276

NOMINAL SIZE DN	L mm	H1 mm	H2 mm	Weight kg
80	203	315	385	13.5
100	229	340	420	18
150	267	435	565	37
200	292	548	720	57
225	305	670	850	85
250	330	660	855	90.5
300	356	740	970	135

SOCKETED GATE VALVES RESILIENT SEATED DN100-150

Designed and Manufactured
to AS/NZS 2638.2

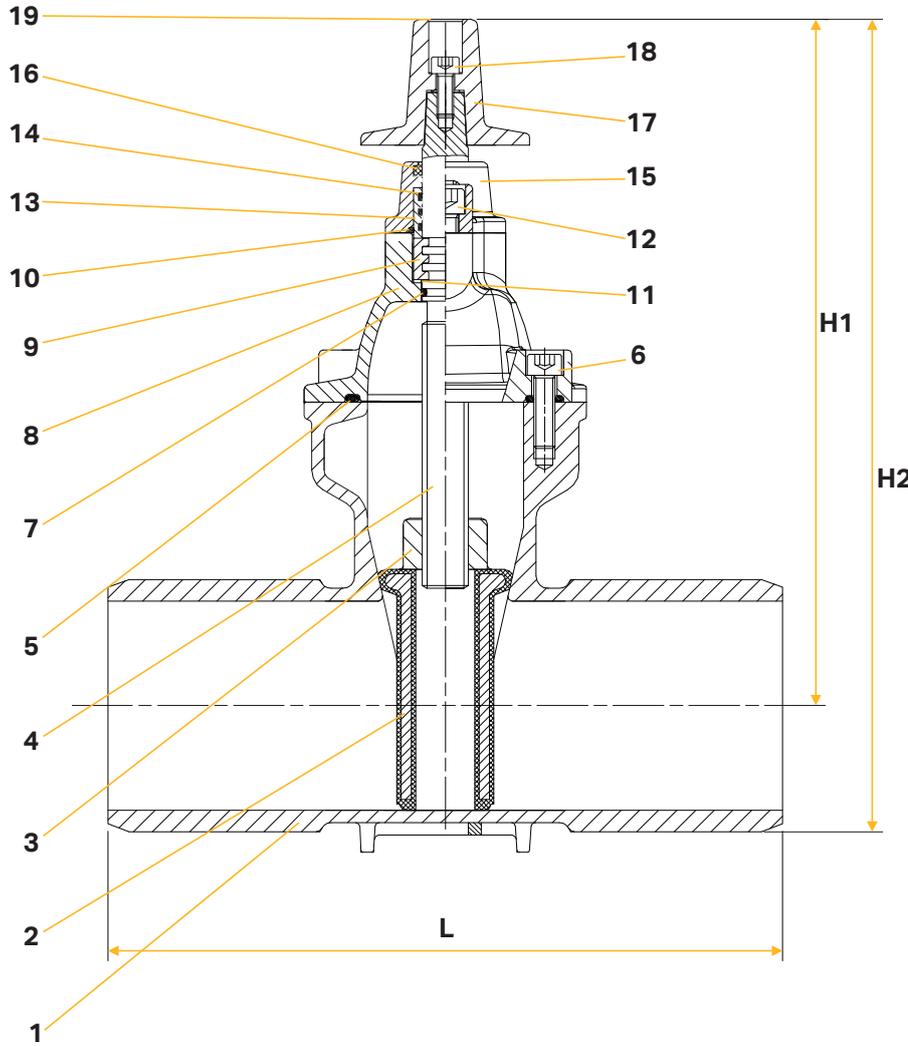


No	Description Material / Standard
1	Body Ductile Iron / 450-10 to AS1831
2	Wedge DI with EPDM Encapsulated
3	Wedge Nut Bronze / C95210 to AS1565
4	Spindle Stainless Steel / 431 to ASTM A27
5	Gasket Synthetic Rubber EPDM AS1646
6	Socket Screw Stainless Steel / 316 to ASTM A276
7	O-Ring Synthetic Rubber / NBR AS1646
8	Bonnet Ductile Iron / 450-10 to AS1831
9	Thrust Collar Bronze / C95210 to AS1565
10	O-Ring Synthetic Rubber / NBR AS1646
11	Washer Brass
12	Socket Screw Stainless Steel / 316 to ASTM A276
13	Gland Bush Bronze / C95210 to AS1565
14	O-Ring Synthetic Rubber / NBR AS1646
15	Gland Ductile Iron / 450-10 to AS1831
16	Dustband Synthetic Rubber / NBR AS1646
17	Spindle Cap / Handwheel Ductile Iron / 450-10 to AS1831
18	Socket Screw Stainless Steel / 316 to ASTM A276
19	Protection Cap LDPE

NOMINAL SIZE DN	L mm	H1 mm	H2 mm	Weight kg
100	340	330	445	17
150	370	425	570	32.5

SPIGOTTED GATE VALVES RESILIENT SEATED DN100-150

Designed and Manufactured
to AS/NZS 2638.2



No	Description Material / Standard
1	Body Ductile Iron / 450-10 to AS1831
2	Wedge DI with EPDM Encapsulated
3	Wedge Nut Bronze / C95210 to AS1565
4	Spindle Stainless Steel / 431 to ASTM A27
5	Gasket Synthetic Rubber EPDM AS1646
6	Socket Screw Stainless Steel / 316 to ASTM A276
7	O-Ring Synthetic Rubber / NBR AS1646
8	Bonnet Ductile Iron / 450-10 to AS1831
9	Thrust Collar Bronze / C95210 to AS1565
10	O-Ring Synthetic Rubber / NBR AS1646
11	Washer Brass
12	Socket Screw Stainless Steel / 316 to ASTM A276
13	Gland Bush Bronze / C95210 to AS1565
14	O-Ring Synthetic Rubber / NBR AS1646
15	Gland Ductile Iron / 450-10 to AS1831
16	Dustband Synthetic Rubber / NBR AS1646
17	Spindle Cap / Handwheel Ductile Iron / 450-10 to AS1831
18	Socket Screw Stainless Steel / 316 to ASTM A276
19	Protection Cap LDPE

NOMINAL SIZE DN	L mm	H1 mm	H2 mm	Weight kg
100	320	340	410	16
150	360	435	530	32

DISCLAIMER

All trademarks and logos are owned by The Reece Group. The words TYTON®, TYTON-LOK® and TYTON JOINT® are United States Pipe and Foundry Co. Inc. trademarks and are registered as such in the United States Patent Office and some 45 other countries. Viadux is an exclusively authorised and licensed user of these trademarks within Australia and New Zealand. All other brand or product names are trademarks or registered marks of their respective owners.

Because we are continuously improving our products and services, The Reece Group reserves the right to change specifications without prior notice.

CERTIFICATIONS

AS/NZS 2638.2 – Resilient Seated Gate Valves for Waterworks
Licence No. WM-021996 OMK21996
AS/NZS 4020 – Testing for use in contact with drinking water

