Gillies Resilient Seated Socket End Gate Valves

GILLIES
- EST. 1943 -

Technical Guide W4.84

Gillies Resilient Seated Gate Valves are designed and manufactured to AS/NZS 2638.2. These valves are suitable for use in potable water and for installation above or below ground.





Applications

Potable water networks, Bulk water storage, Process water systems, Pump stations, Neutral liquids without solids

Product Attributes

PN16 Rated

Available as Anti-Clockwise and Clockwise Closing

Smooth straight through bore

Suitable for actuation

Approvals/Standards

AS/NZS 2638.2:2011 Gate Valves for Water Works – Resilient Seated

Socket designed in accordance with AS/NZS 2280

Coating complies with AS/NZS 4158 and AS/NZS 4020 for potable water

Quality/Environment/Health & Safety

ISO 9001:2015 Quality Management Standard

Lead Free
Licence Number: *23494*

WATER SERVICES ASSOCIATION OF AUSTRALIA
Appraisal Number: *PA 2508*

Licence Number: *4085*

We are the supply partner of choice for New Zealand's civil construction industry, specialising in water and infrastructure based solutions.

HYNDSwater

Gillies Resilient Seated Socket End Gate Valves are manufactured from high strength and corrosion resistant materials to provide reliable service in potable water networks. These valves are PN16 rated, available in DN100 – DN200 as anti-clockwise or clockwise closing.

Product Features

- Anti-clockwise closing or clockwise closing available.
- Smooth straight-through bore prevents debris build up.
- Ductile Iron body and bonnet for high strength and impact resistance.
- Ductile Iron wedge fully encapsulated by EPDM elastomer to ensure a drip tight seal.
- 431 Grade Stainless Steel Stem and 316 Grade Stainless Steel Bolts for high corrosion resistance.
- Spindle O-Rings are replaceable under operating pressure.
- Fusion Bonded Epoxy coating to AS/NZS 4158 provides long lasting corrosion protection.

Accessories

- Supplied with Spindle Cap as standard.
- Handwheels available as optional.
- Actuator Adaptor with ISO flange drilling available as optional*.

**** Spindle change is required.***

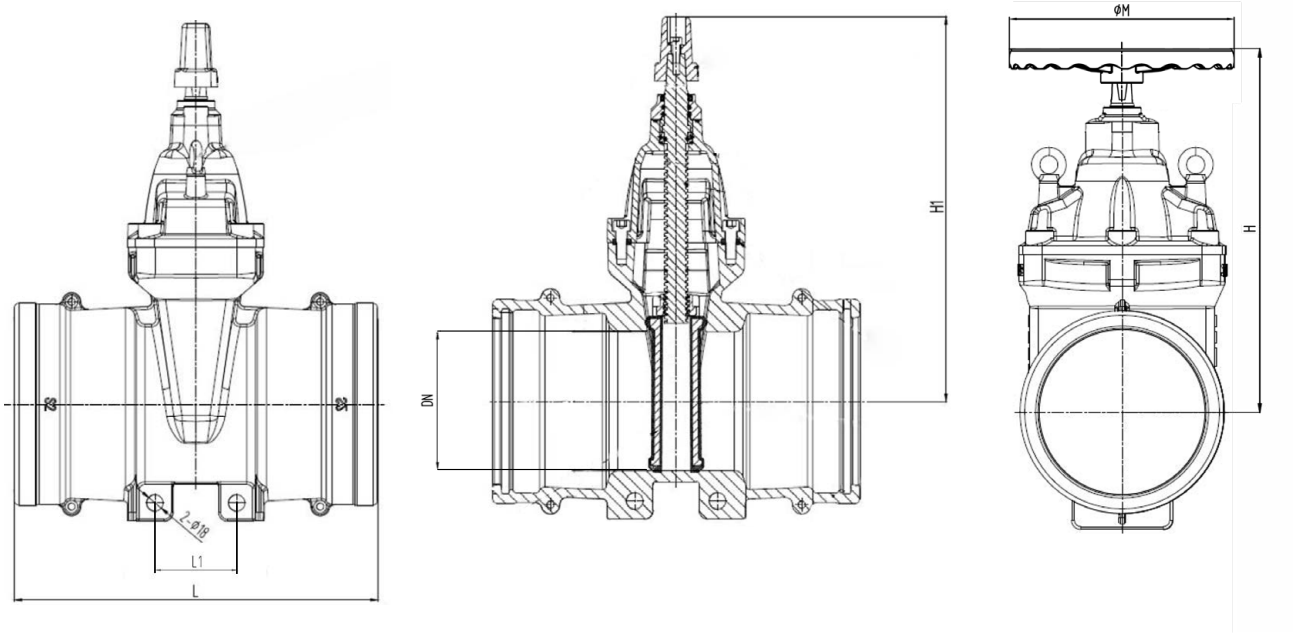
Technical Specifications

- Size Range: DN100 – DN200
- Complies with AS/NZS 2638.2:2011
- Socket designed in accordance with AS/NZS 2280
- Coating complies with AS/NZS4158
- Potable water compliant to AS/NZS 4020
- Maximum operating temperature: 40°C
- Allowable operating pressure: 16 Bar
- This product complies with the requirements of Lead-Free Standards as defined in the National Construction Code Volume 3 and is suitable for use as part of Lead-Free installation.

Installation

- Suitable for above or below ground installation in accordance to relevant local authority requirements and regulatory codes.



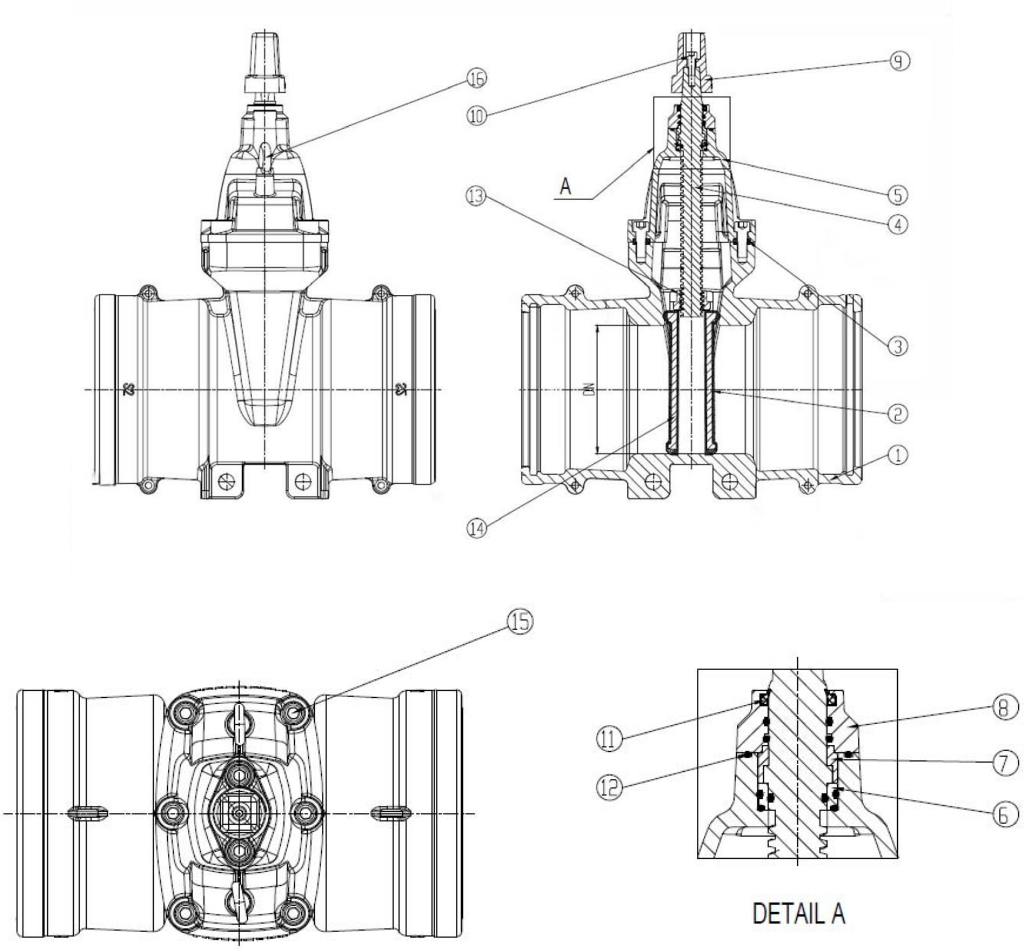


Code	DN	L	L1	Turns to Close	Closing Torque (Nm)	M	H	H1	PVC Series	Weight (kg)
VGRS100SOZ	100	350	120	11	80	Ø220	320	335	1	21
VGRS100SO	100	350	120	11	80	Ø220	320	335	2	21
VGRS150SOZ*	150	400	150	16	120	Ø280	400	410	1	34
VGRS150SO	150	400	150	16	120	Ø280	400	410	2	34
VGRS200SOZ	200	480	170	18	150	Ø315	495	545	1	58
VGRS200SO	200	480	170	18	150	Ø315	495	545	2	58

Note: **VGRS150SOZ only available in Australia,*
AQ Joint Series 2 supplied as standard. Z Joint Series 1 available on request.

Socket Design		
	Series 1	**Series 2**
DN100	✓	✓
DN150	✓*	✓
DN200	✓	✓

** DN150 Series 1 for Australia only.*



No.	Component	Material
1	Body	Ductile Iron (500-7)
2	Disc	EPDM + Ductile Iron (500-7)
3	Bonnet Gasket	EPDM (WRAS)
4	Stem	AISI431 Stainless Steel
5	Bonnet	Ductile Iron (500-7)
6	Thrust Washer	Bronze (C95210)
7	Thrust Sleeve	Bronze (C95210)
8	Gland	CF8M Stainless Steel
9	Handwheel/Cap	Ductile Iron (500-7)
10	Bolt	AISI316 Stainless Steel
11	Dustcover	NBR
12	O-Ring	EPDM (WRAS)
13	Stem Nut	Bronze (C95210)
14	Core	Ductile Iron (500-7)
15	Screw	AISI316 Stainless Steel
16	Lifting Bolt	AISI316 Stainless Steel

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.