GILLIES
- EST. 1943 -

Gillies Resilient Seated Spigot Gate Valves

Technical Guide W4.81

Gillies Resilient Seated Spigot Gate Valves are designed and manufactured to AS/NZS2638.2. 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

Approvals/Standards

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

- Suitable for above ground or underground installation.
- Anti-clockwise closing or clockwise closing available.
- Smooth straight-through bore prevents debris build up and allows for easy cleaning with a pig.
- 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.
- Spindle O-Rings are replaceable under operating pressure.
- Fusion Bonded Epoxy coating to AS/NZS 4158 provides long lasting corrosion protection.
- 431 Grade Stainless Steel Stem and 316 Grade Stainless Steel Bolts for high corrosion resistance.



Accessories

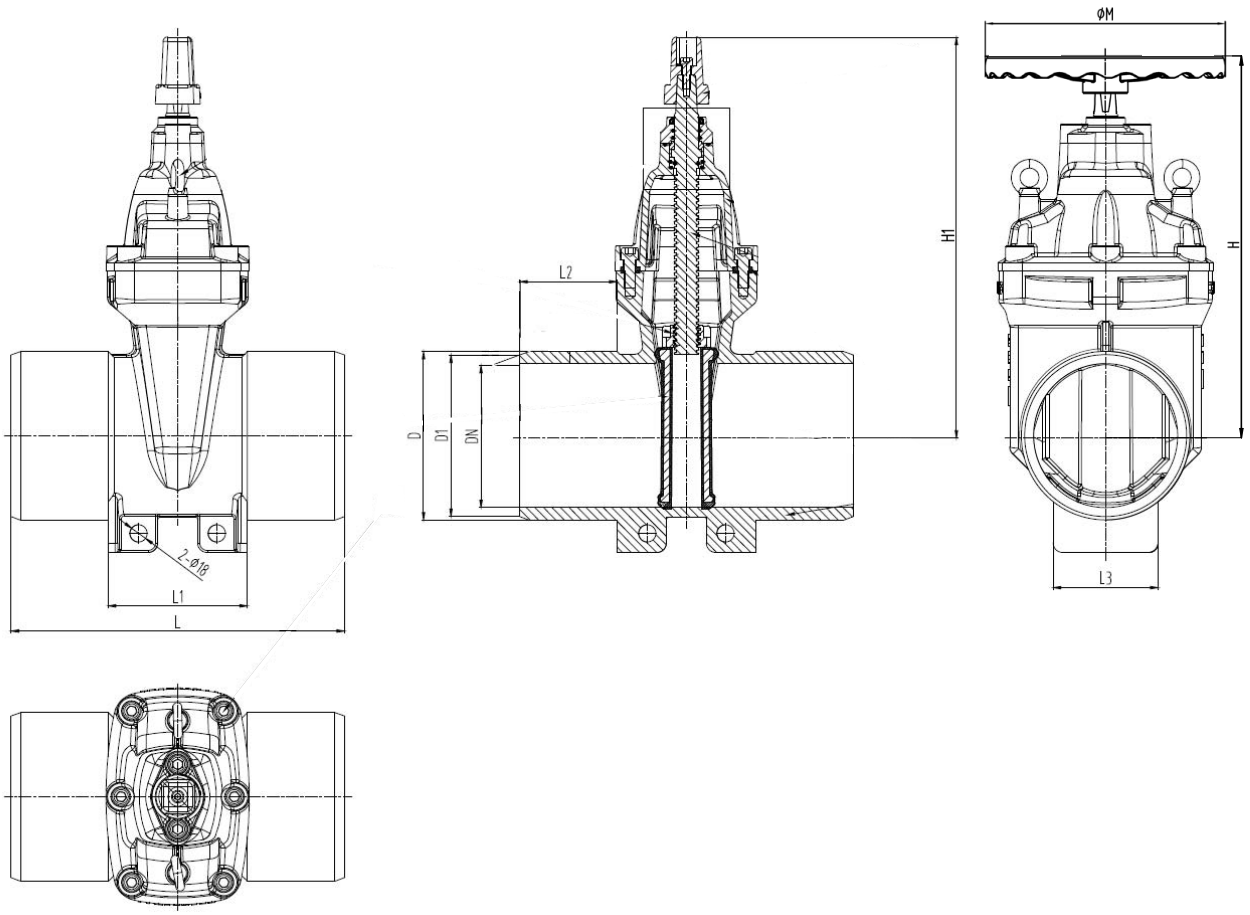
- Supplied with Spindle Cap as standard.
- Handwheels available as optional.
- Actuator Adaptor with ISO flange drilling available as optional.

Technical Specifications

- Size Range: DN100 – DN200
- Complies with AS/NZS 2638.2:2011
- 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

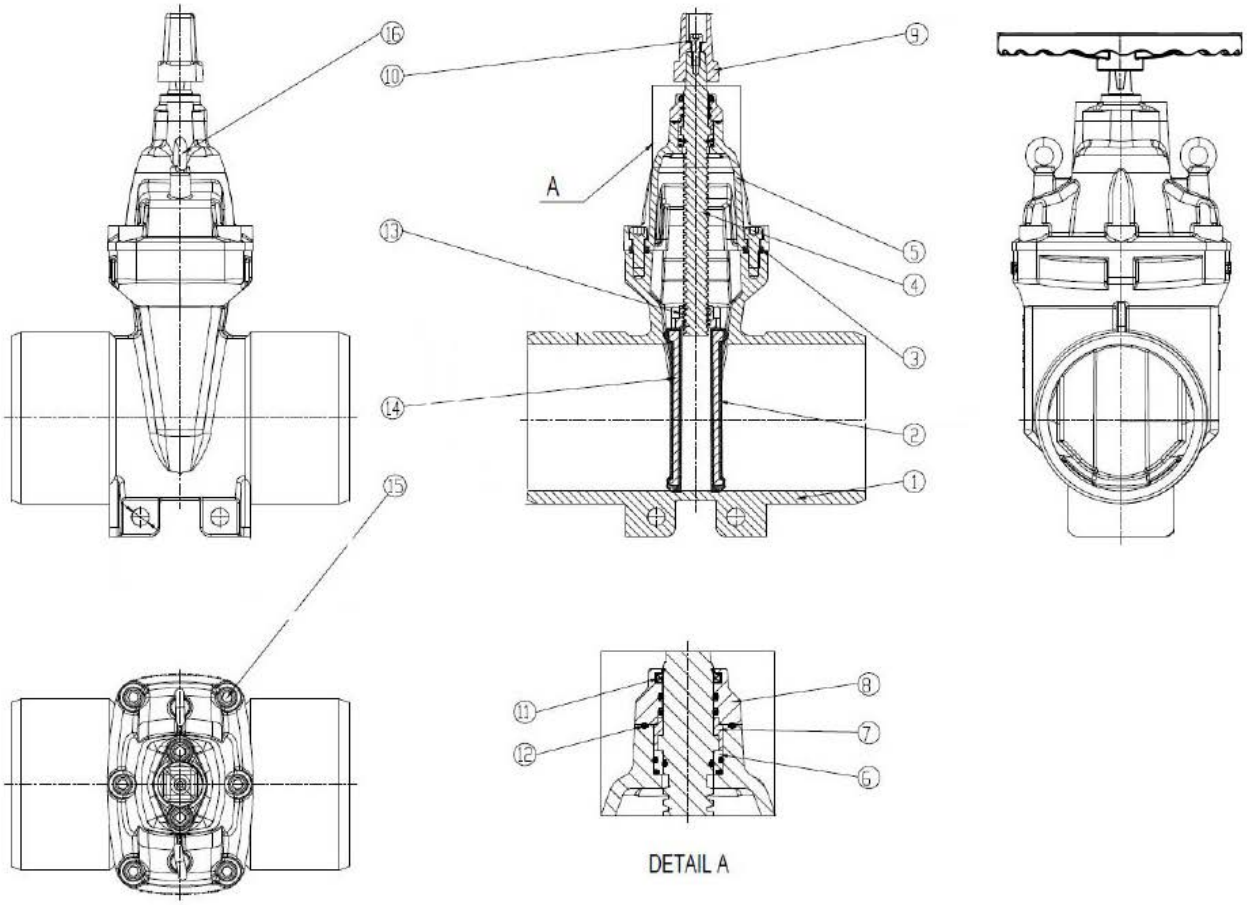
Suitable for above or below ground installation in accordance to relevant local authority requirements and regulatory codes.



Code	DN	D	D1	L	L1	L2	L3	H	H1	M	Turns to Close	Closing Torque (Nm)	Weight (kg)
VGRS100SP	100	122	115	320	116	102	80	320	335	220	12	80	17
VGRS150SP	150	177	170	350	146	102	110	400	410	280	17	120	28
VGRS200SP	200	232	225	400	170	115	140	495	545	315	18.5	150	49

Note: *Clockwise Closing Valves are available on request.*
Spigot Valves are available by indent in NZ.

Code	Valve Size (mm)	Handwheel Closing Direction
VGHW100-ACC	100	ACC
VGHW100-CC	100	CC
VGHW150-ACC	150	ACC
VGHW150-CC	150	CC
VGHW200-ACC	200	ACC
VGHW200-CC	200	CC



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	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.