

AUSLITE® GATE VALVES RESILIENT SEATED - SHOULDERED ENDS

DN 100 AND DN 150- DESIGNED AND MANUFACTURED TO AS 2638.2



FEATURES

Ductile Iron body and bonnet for high strength and impact resistance

Ductile Iron gate fully encapsulated in EPDM rubber to ensure drop tight sealing

Grade 431 Stainless Steel spindle for high strength and corrosion resistance

Dezincification resistant copper alloy seal housing incorporating dual 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 epoxy coating for long life corrosion protection

Straight through full bore to avoid debris traps

Isolated fasteners for corrosion protection

Anti-friction guide liners for low operating torques

Integral cast-in feet for safe and easy storage

Integral lifting lugs for installation convenience

Anticlockwise closing or clockwise closing available

Key or hand wheel operation available

DESCRIPTION

These AUSLITE Resilient Seated Gate Valves, with shouldered ends, feature a non-rising spindle

Designed and manufactured to AS 2638.2

DN 100 and DN 150

GENERAL APPLICATION

AUSLITE Resilient Seated Gate Valves with shouldered spigot ends are commonly used in mining and fire service applications

TECHNICAL DATA

Size Range:
DN 100 and DN 150

Allowable Operating Pressures: 2500kPa

Maximum Temperature:
40°C

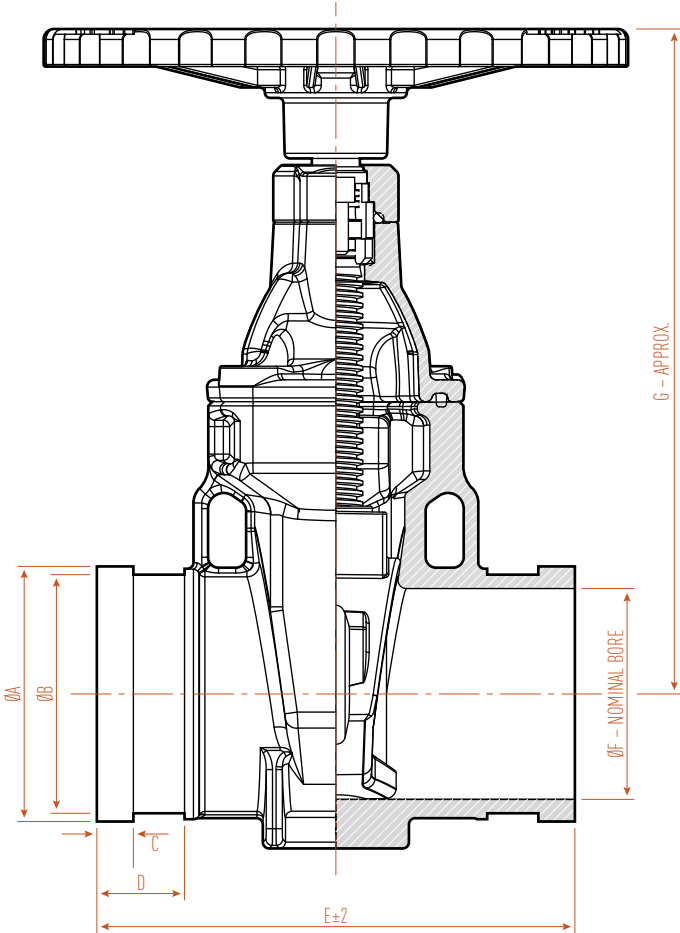
End Connections:
Shouldered spigot

Certifications:
AS 2638.2 Gate valves for waterworks purposes.
Product Mark Registration
No. PRD/R61/0412/2

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DIMENSIONS

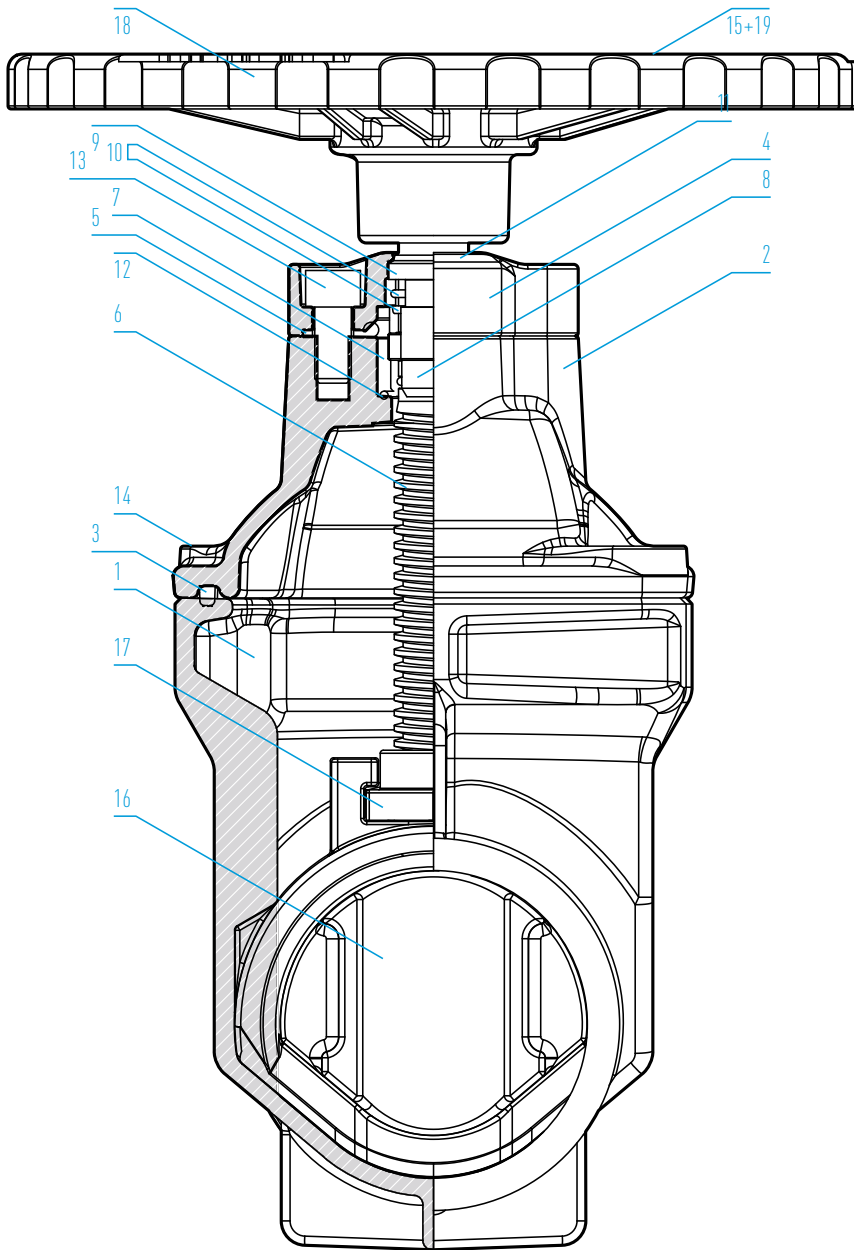
		DN 100	DN150
A		122.2	175.1
B		114.3	165.1
C		17.5	17.5
D		42	56
E		229	267
F		101	151
G		320	395
Mass	kg	15	20
Turns to seal		21	32
Torque to seal	N/m	40	60



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PARTS LIST

No	Description Material / Standard
1	Body SGI / AS 1831/400-15
2	Bonnet SGI / AS 1831/400-15
3	Body Gasket EPDM / AS 1646/70IRHD
4	Retaining Plate SS / AS 2837/316
5	Top Gasket EPDM / AS 1646/DURO 70-75
6	Stem SS / ASTM A276/431
7	Collet Set DZR / AS 1567/C35200 or C48600
8	Backseat Collar DZR / AS 1567/C35200 or C48600
9	Seal Housing Bush DZR / AS 1567/C35200 or C48600
10	O-Rings NBR / AS 1646/70 DURO
11	Wiper Ring NBR / AS 1646/70 DURO
12	O-Ring NBR / AS 1646/70 DURO
13	Cap Screw SS/ASTM A276/316
14	Countersunk Screw SS/ASTM A276/316
15	Hex Head Screw SS / ASTM A276/316
16	Wedge SGI / AS1831/400-15 – EPDM Coating
17	Wedge Nut DZR / AS 1567/C35200 or C48600
18	Handwheel SGI / AS 1831/400-15
19	Extra Large Washer SS / ASTM A276/316

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RECOMMENDED SPECIFICATION

Gate valves shall be resilient seated conforming to AS2638.2

The allowable operating pressure shall be 2500kPa

Operation shall be by means of a handwheel

The direction of closing shall be clockwise. Anticlockwise available on request

The valve body and bonnet shall be cast in Ductile Iron and coated with a thermally applied polymeric coating to AS/NZS 4158

The gate shall be cast in Ductile Iron and fully encapsulated in EPDM rubber – partially coated wedges are not acceptable

The spindle shall be Grade 431 Stainless Steel incorporating a failsafe thrust collar

The spindle seal retainer shall be manufactured from a dezincification resistant copper alloy to AS 1567

A spindle wiper seal shall be fitted to the spindle to prevent ingress of dirt and foreign matter

Spindle seal shall be effected by a minimum of two o-rings, which can be replaced under full operating pressure

Fasteners shall be completely isolated from the external environment

Valves shall be manufactured under a product certification scheme and each valve marked in accordance with the certification body's requirements

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