

DIMAX PE TAIL GATE VALVE

DN100-150 PN16 RESILIENT SEATED



FEATURES

- Ductile iron gate fully encapsulated in EPDM elastomer to ensure drop tight sealing
- 431 Stainless steel spindle for high strength and corrosion resistance
- Seal housing incorporates triple O-ring seals and dust seal for long life operation
- Back seal facility to allow for seal replacement under full operating pressure
- Straight through full bore to avoid debris traps
- Isolated fasteners for corrosion protection
- Low operating torque
- Lilac caps available for recycled water
- Kits available with handwheel operation



APPLICATION

DIMAX PE Tail Resilient Seated Gate Valves provide the isolation of sections and branches in water, wastewater, sewer and neutral liquid pipeline applications. Suitable for use above and below ground.

TECHNICAL DATA

Size Range

DN100 (125PE) -150 (180PE)

Operation

Anti-clockwise and clockwise closing

Allowable Operating Pressure

1600kPa

Maximum Temperature

Max. Design Temperature = 70°C

AS4020 Temperature = 40°C

End Connections

PE100 SDR11

CERTIFICATIONS

WSA PS-278 – Gate Valves, Resilient Seated with Integral Polyethylene (PE) ends for Pressure Applications – Water Supply and Sewerage

AS/NZS 2638.2 – Gate Valves for Waterworks Purposes – Part 2: Resilient Seated

AS/NZS 4020 – Testing for use in contact with drinking water

Fusion bonded polymeric coating to AS/NZS 4158



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LINE DRAWING 1

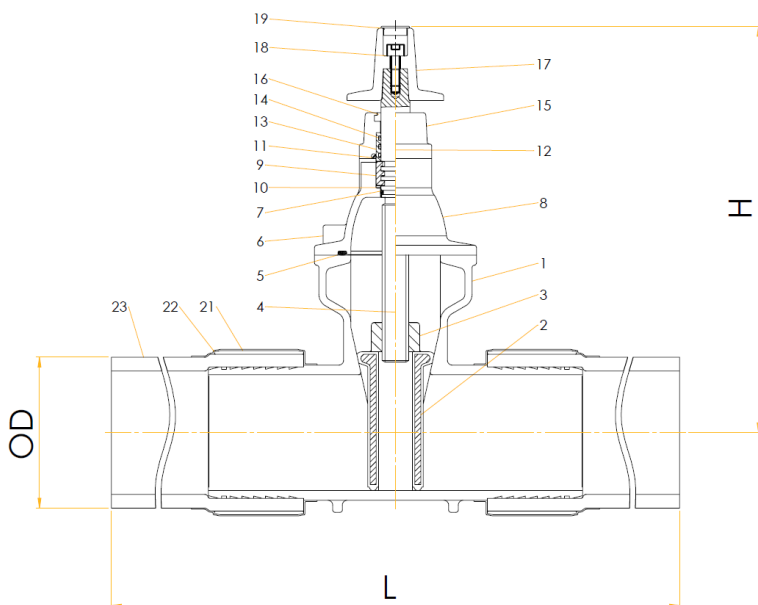


TABLE 1

NO.	DESCRIPTION	MATERIAL
1	Body	SGI Grade 450-10
2	Wedge	SGI Grade 450-10/EPDM Coated
3	Wedge Nut	Grade C95210 Bronze
4	Spindle	431 Stainless Steel
5	Gasket	EPDM Rubber
6	Socket Screw	316 Stainless Steel
7	O-Ring	NBR Rubber
8	Bonnet	SGI Grade 450-10
9	Thrust Collar	Grade C95210 Bronze
10	Washer	Brass
11	O-Ring	NBR Rubber
12	Socket Screw	316 Stainless Steel
13	Gland Bush	Grade C95210 Bronze
14	O-Ring	NBR Rubber
15	Gland	SGI Grade 450-10
16	Dust Seal	NBR Rubber
17	Spindle Cap	SGI Grade 450-10
18	Socket Screw	316 Stainless Steel
19	Protection Cap	LDPE
20	Eye Bolt	316 Stainless Steel
21	Sleeve	304 Stainless Steel
22	Shrink Film	Plastic
23	PE Pipe	Black PE100 SDR11

TABLE 2

DN	CODE ACC	CODE CC	OD	L mm	H mm	WEIGHT kg
100	1282151	1282152	125	920	330	23
150	1282153	1282154	180	950	425	48

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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	1282024
DIMAX RSGV SPINDLE SEAL KIT 450-500MM	1282025
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