



RESILIENT SEATED GATE VALVE ECOVALVE™ WITH PE PIPES ENDS



DN50 - DN100 (EPDM)

The Resilient Seated Gate Valve type EcoValve is a highly reliable valve with superior characteristics, in compliance with all international standards.

Application:



Drinking water, municipal sewage cleaned, cooling and other non-aggressive media.

Design features

- Integral ductile iron wedge, fully EPDM encapsulated
- Superior stem packing with three O-rings and a dust seal
- Heavy duty ductile iron construction with stainless steel X20Cr13 Cr stem, H.T. dezincification resistant brass for stem nut
- Special seal in the bonnet achieving perfect top seal when valve is full open.
- Integrated guide shoes on the Wedge

Technical Details:

Maximum working pressure PFA:
16 bar / PN16

Certification:
Hygienic Certificate PZH
WRAS

Working temperature:
Maximum +70°C

Coating:
250 µm FBE coating, external and internal

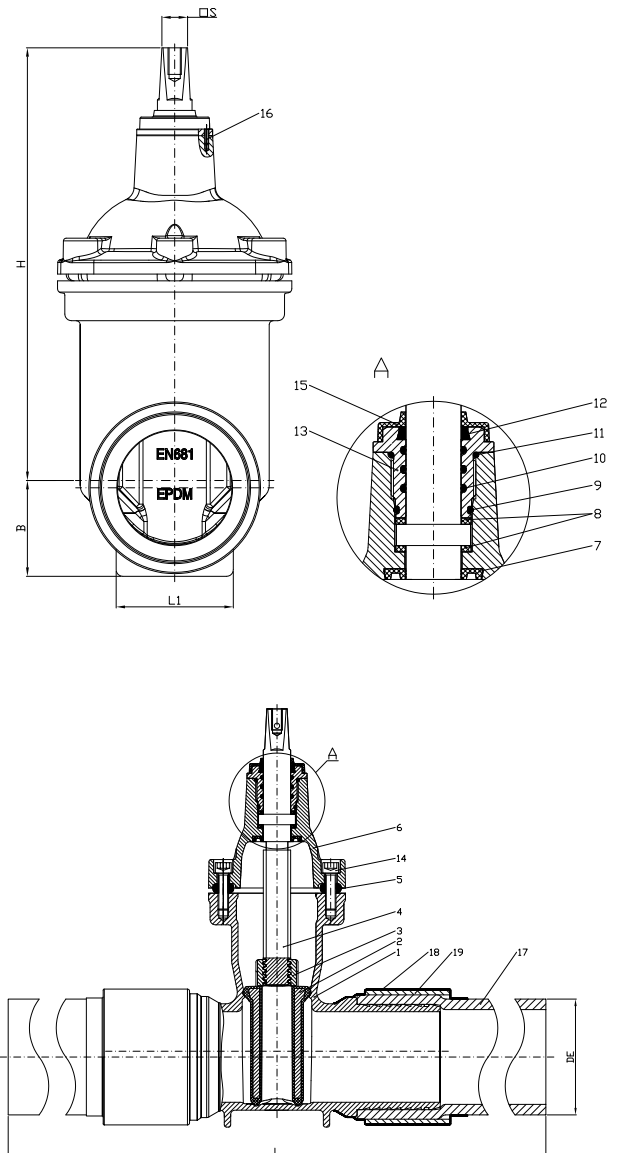
Construction complies to:
EN 1074-1&2, EN 1171





AW59/1

No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Wedge	D.I., EPDM encapsulated EN-GJS-400-18/ EN-GJS-500-7
3	Wedge Nut	H.T. dezincification resistant Brass
4	Stem	Stainless Steel X20Cr13 / 1.4021 / 420
5	Bonnet Gasket	Elastomer EPDM
6	Bonnet	Elastomer EPDM
7	Main seal	Elastomer EPDM
8	Bottom Washer	Plastic POM
9	O-ring Seal	Elastomer EPDM
10	O-ring Seal	Elastomer EPDM
11	O-ring Seal	Elastomer EPDM
12	Dust Seal	Elastomer EPDM
13	Gland Bush	Brass
14	Bonnet Screws	Stainless Steel A2-70
15	Dust Seal	Elastomer EPDM
16	Security screw	Stainless Steel A2-70
17	PE Pipe	Polyethylene, high density PE 100 SDR 11
18	Shrink Hose	Thermo-shrink Plastic
19	Sleeve	Carbon Steel



Dimension (mm & kg)

DN		50	80	100
DE		63	90	110
AW59/1	PN16	AD1169	AD1170	AD1171
L		920±5	920±5	920±5
H		218,5	277	325
L1		70	70	88
B		44	62	72
Stem Top Square □ S		14	17	19
Weight		9	14	18