



AW55/1

RESILIENT SEATED GATE VALVE ECOVALVE™

DN50 - DN300, BS (EPDM)

The resilient seated gate Valve type EcoValve is a highly reliable valve with superior characteristics, in compliance with all international standards.

Application:



District heating & cooling, Potable water, Irrigation



Design features

- Integral ductile iron wedge, fully EPDM encapsulated
- Superior stem packing with three O-rings and a dust seal
- Rugged construction of ductile iron with stainless steel stem 316 and nut wedge made of aluminum bronze
- Main seal
- Wedge guide shoes
- Valve is supplied with Cap-Top as standard.
- Available with Hand-Wheel.

Technical Details:

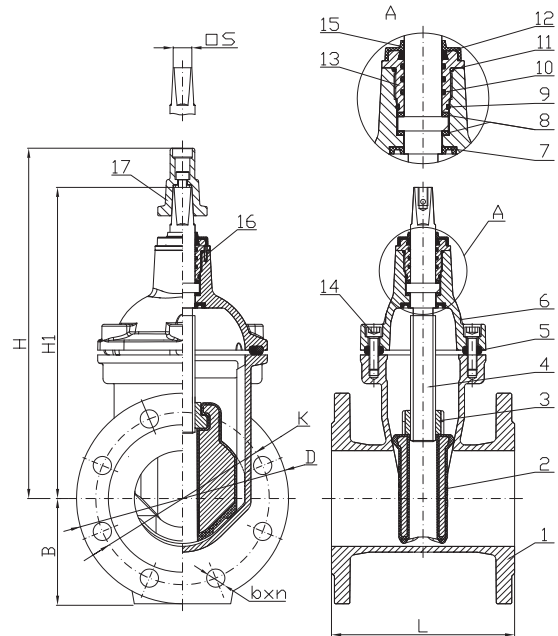
Face to Face in accordance to: BS 5163 (EN 558-1 Series 3)	Certification: WRAS
Maximum Working Pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN10 & PN16
Working temperature: Maximum +70°C	Coating: 300 µm FBE coating, external and internal
Construction complies to: EN 1074-1&2, BS 5163-1&2, EN 1171	Application: Installation for water, potable water, irrigation water and other chemically inert fluids for flow closing





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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Wedge	D.I., EPDM encapsulated EN-GJS-500-7
3	Wedge Nut	Aluminium Bronze CuAl10Ni5Fe4
4	Stem	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
5	Bonnet Gasket	Elastomer EPDM
6	Bonnet	Ductile Iron EN-GJS-500-7
7	Main seal	Elastomer EPDM
8	Bottom Washer	Plastic PTFE
9	Bush O-ring Seal	Elastomer EPDM
10	Stem O-ring Seal	Elastomer EPDM
11	O-ring Seal	Elastomer EPDM
12	Dust Seal	Elastomer NBR
13	Gland Bush	H.T. dezincification resistant Brass
14	Bonnet Bolts	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
15	Bonnet Dust Seal	Elastomer NBR
16	Set Screw	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
17	Cap-Top	Ductile Iron EN-GJS-500-7



Dimension (mm & kg)

DN		50	65	80	100	125	150	200	250	300
AW55/1	PN10	AD0892	AD0893	AD0894	AD0895	AD0896	AD0897	AD0901	AD0902	AD0903
	PN16							AD0898	AD0899	AD0900
L		178	190	203	229	254	267	292	330	356
H1		218	255	277	325	355	395	482	572	662
H		264	301	319	341	397	411	526	616	706
B		82,5	90	100	110	125	142,5	170	202,5	227,5
K PN16 / PN10		125	145	160	180	210	240	295	355 / 350	410 / 400
b×n PN16 / PN10		19×4	19×4	19×8	19×8	19×8	23×8	23×12 / 23×8	27×12 / 23×12	27×12 / 23×12
D		165	185	200	220	250	285	340	405	460
Stem Top Square □S		14,3	17,3	17,3	19,3	19,3	19,3	24,3	27,3	27,3
Weight [kg]		10,6	12,5	13,8	18	22	31,9	54,5	75,5	110