



AW55/3

RESILIENT SEATED GATE VALVE ECOVALVE™ FLANGED END F4

DN40 - DN300 (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
- Possibility of replacing the stem seal under pressure without dismantling the valve
- Heavy duty ductile iron construction with stainless steel X20Cr13 cr stem, aluminiumbronze or brass
- Special seal in the bonnet achieving perfect top seal when valve is full open.
- Integrated guide shoes on the wedge.

Technical Details:

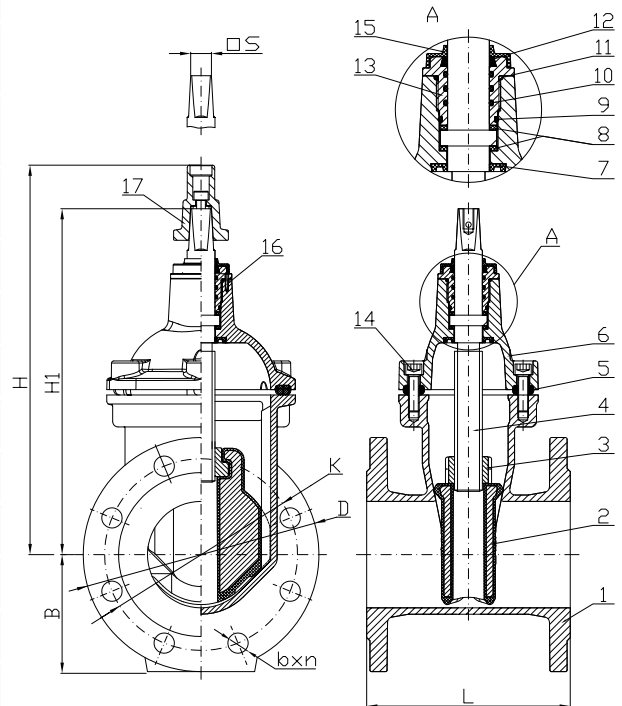
Face to Face in accordance to: EN 558-1 Series 14	Construction complies to: EN 1074-1&2, EN 1171
Maximum working pressure PFA: 16 bar / PN16	Flange type: EN 1092-2 PN10 i PN16
Working temperature: Maximum +70°C	Coating: 250 µm FBE coating, external and internal





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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	Aluminium Bronze CuAl10Ni5Fe4 / H.T. dezincification resistant Brass
4	Stem	Stainless Steel X2CrNiMo17-12-2/ 1.4404 / 316L
5	Bonnet Gasket	Elastomer EPDM
6	Bonnet	Ductile Iron EN-GJS-500-7
7	Main seal	Elastomer EPDM
8	Bottom Washer	Plastic PTFE
9	O-ring Seal	Elastomer EPDM
10	O-ring Seal	Elastomer EPDM
11	O-ring Seal	Elastomer EPDM
12	Dust Seal	Elastomer NBR
13	Gland Bush	Mosiądz
14	Bonnet Screws	Stainless Steel X2CrNiMo17-12-2/ 1.4401 / 316
15	Bonnet Dust Seal	Elastomer NBR
16	Security screw	Stainless Steel X2CrNiMo17-12-2/ 1.4401 / 316



Dimension (mm & kg)

DN		50	65	80	100	125	150	200	250	300
AW55/3	PN10	AD1240	AD1241	AAD1242	AD1243	AD1244	AD1245	AD1246	AD1247	AD1248
	PN16							AD1249	AD1250	AD1251
L		150	170	180	190	200	210	230	250	270
H		218	255	277	325	355	395	482	572	662
B		75	85	95	102	120	134	165	196	225
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	17	17	19	19	19	24	27	27
Weight [kg]		9,5	11,5	13,0	17,5	24,0	31,5	54,0	76,5	109,5