



AW54/1

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:



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 ductile iron construction with stainless steel SS316 stem and aluminum bronze wedge nut
- Main seal
- Wedge guide shoes
- Available with handwheel and cap top

Technical Details:

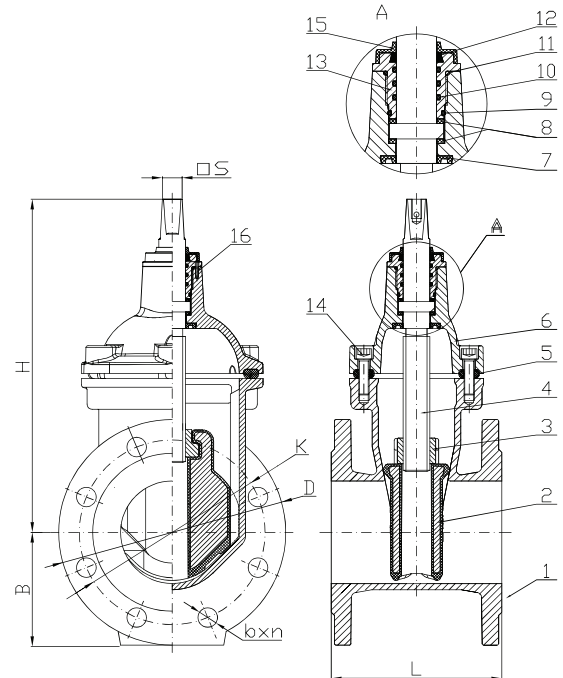
Face to Face in accordance to: DIN 3202-1 F4 and EN 558-1, Series 14	Certification: WRAS
Maximum working pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2, PN10 and PN16
Working temperature: Maximum +70°C	Coating: 300 µm FBE coating, internally and externally
Construction complies to: EN 1074-1 & 2 and EN 1171	Application: Designed for flow isolation and shut-off applications.





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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



Dimension (mm & kg)

DN		40	50	65	80	100	125	150	200	250	300
AW54/1	PN10	AD0377	AD0378	AD0379	AD0380	AD0381	AD0382	AD0383	AD0384	AD0385	AD0386
	PN16								AD0387	AD0388	AD0389
L		140	150	170	180	190	200	210	230	250	270
H		205	218	255	277	325	355	395	482	572	662
B		75	82,5	92,5	100	110	125	142,5	170	202,5	227,5
K PN16 / PN10		110	125	145	160	180	210	240	295	355 / 350	410 / 400
b x n PN16 / PN10		19x4	19x4	19x4	19x8	19x8	19x8	23x8	23x12 / 23x8	27x12 / 23x12	27x12 / 23x12
D		150	165	185	200	220	250	285	340	405	460
Stem Top Square □ S		14,3	14,3	17,3	17,3	19,3	19,3	19,3	24,3	27,3	27,3
Weight kg		10	10,6	12,5	13,8	18	22	31,9	54,5	75,5	110

Notes:

- Clockwise to close (CC) in standard. Anti-clockwise to close (ACC) available on request.