



AW54/2

RESILIENT SEATED GATE VALVE ECOVALVE™ FLANGED END F5

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 construction of ductile iron with stainless steel stem SS316 and nut wedge made of aluminum bronze
- Main seal
- Wedge guide shoes
- Available with Hand-Wheel. and Cap-Top

Technical Details:

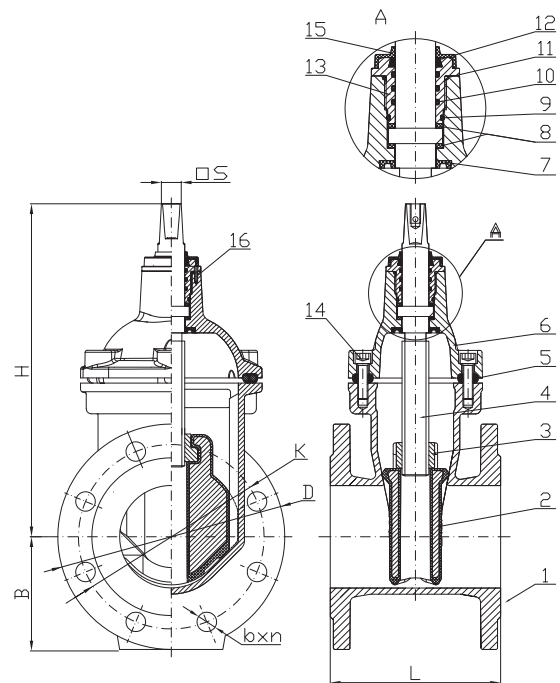
Face to Face in accordance to: DIN 3202-1 F5 (EN 558-1 Series 15)	Certification: WRAS
Maximum working pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN10 & PN16
Working temperature: Maximum +70°C	Coating: 300 µm FBE coating, internally and externally
Construction complies to: EN 1074-1&2, EN 1171	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



Dimension (mm & kg)

DN		40	50	65	80	100	125	150	200	250	300
AW54/2	PN10	AD0878	AD0879	AD0880	AD0881	AD0882	AD0883	AD0884	AD0885	AD0886	AD0887
	PN16								AD0888	AD0889	AD0890
L		240	250	270	280	300	325	350	400	450	500
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		19×4	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		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		10,6	11,8	12,2	14,4	20,2	32,7	34,8	64	87	146,4

Notes:

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