



AW08/1 **RESILIENT SEATED GATE VALVE,
ECOVALVE™**

DN350 - DN600 (EPDM)

The Resilient Seated Gate Valve EcoValve available in sizes DN-350-DN600 is a highly reliable valve with superior seal tightness characteristics, in compliance with major International standards.

Application:



District heating & cooling, Potable water, Irrigation



Design features

- Fully EPDM encapsulated ductile iron wedge
- Stem packing with three O-Rings, one primary O-Ring seal and one dust seal
- Heavy duty ductile iron construction with stainless steel (316) 17% Cr stem, aluminium-bronze wedge nut and brass collar
- Valve is supplied with Hand-wheel as standard.

Technical Details:

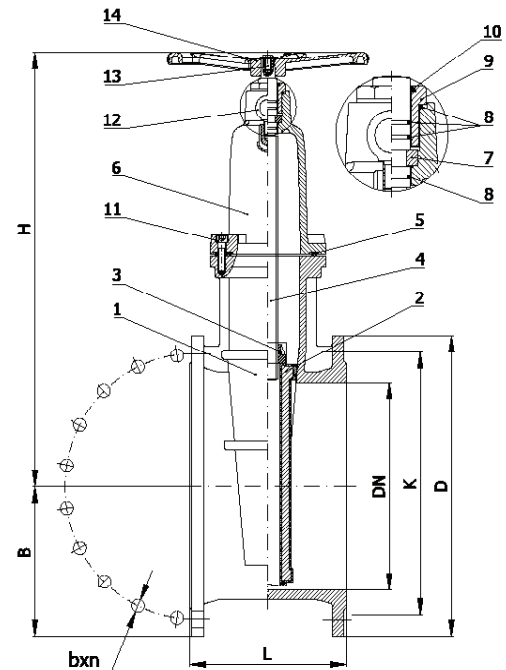
Face to Face in accordance to: BS 5163 (EN 558-1 Series 3)	Certification: WRAS
Maximum working pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN10 & PN16
Working temperature: Maximum +70°C	Coating: 300 µm FBE coating, internally and externally
Construction complies to: EN 1074-1 & 2, DIN 3352, BS 5163-1	Application: Installation for water, potable water and other 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 IX5CrNiMo17-12-2 / 1.4401 / 316
5	Bonnet Gasket	Elastomer EPDM
6	Bonnet	Ductile Iron EN-GJS-500-7
7	Support Bush	Leaded Brass
8	O-ring Seal	Elastomer EPDM
9	Gland Bush	H.T. dezincification resistant Brass
10	Dust Seal	Elastomer NBR
11	Bonnet Screws	Stainless Steel X5CrNiMo17-12-2 / 1.4401 / 316
12	Eye-Bolts	Steel zinc plated
13	Handwheel Screws	X5CrNiMo17-12-2 / 1.4401 / 316
14	Handwheel	Ductile Iron EN-GJS-500-7



Notes: Lifting eye-bolts for transport is standard

Dimension (mm & kg)

DN		350	400	450	500	600
AW08/1	PN10	AD0301	AD0345	AD0302	AD0346	AD0347
	PN16	AD0303	AD0348	AD0304	AD0349	AD0350
L		381	406	432	457	508
H		760	840	965	1005	1150
B		260	290	320	357,5	420
K PN10 / PN16		460 / 470	515 / 525	565 / 585	620 / 650	725 / 770
b × n PN10 / PN16		23 × 16 / 28 × 16	28 × 16 / 31 × 16	28 × 20 / 31 × 20	28 × 20 / 34 × 20	31 × 20 / 37 × 20
D PN10 / PN16		505 / 520	565 / 580	615 / 640	670 / 715	780 / 840
Stem Top Square □ S		27,3	27,3	27,3	32,3	32,3
Weight kg		165,3	201	304,6	344	543