



RESILIENT SEATED GATE VALVE ECOVALVE™ FLANGED END BS



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, H.T. dezincification resistant brass for stem nut
- 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:
BS 5163 (EN 558-1 Series 3)

Certification:
Hygienic Certificate PZH
WRAS

Maximum working pressure PFA:
16 bar / PN16

Flange type:
EN 1092-2 PN16

Working temperature:
Maximum +70°C

Coating:
250 µm FBE coating, external and internal

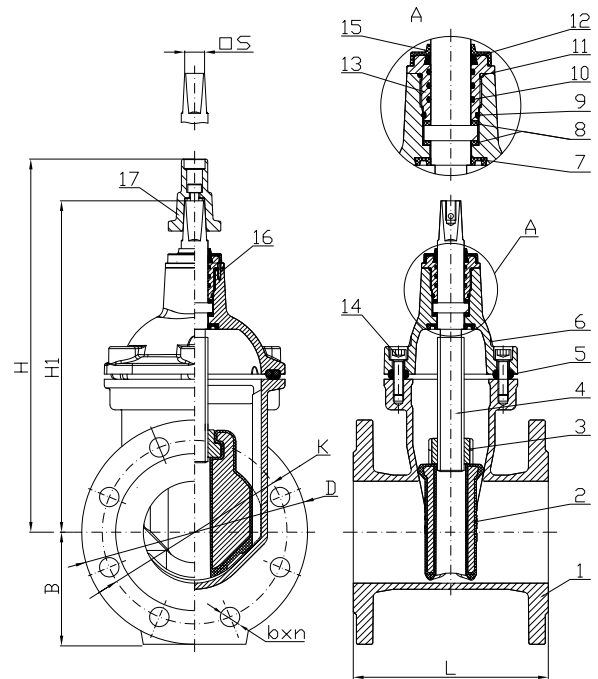
Construction complies to:
EN 1074-1&2, EN 1171





AW54/2

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	H.T. dezincification resistant Brass
4	Stem	Stainless Steel X20Cr13 / 1.4021 / 420
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 A2-70
15	Bonnet Dust Seal	Elastomer NBR
16	Security screw	Stainless Steel A2-70
17	Cap-Top	Ductile Iron EN-GJS-500-7



Dimension (mm & kg)

DN		50	65	80	100	125	150	200	250	300
AW55/2	PN16 CC	AD1222	AD1223	AD1224	AD1225	AD1226	AD1227	AD1228	AD1229	AD1230
	PN16 ACC	AD1204	AD1205	AD1206	AD1207	AD1208	AD1209	AD1210	AD1211	AD1212
L		178	190	203	229	254	267	292	330	356
H1		218	255	277	325	355	395	482	572	662
H		264	301	319	367	397	437	552	642	732
B		75	85	95	102	120	134	165	196	225
K		125	145	160	180	210	240	295	355	410
b x n		19 x 4	19 x 4	19 x 8	19 x 8	19 x 8	23 x 8	23 x 12	27 x 12	27 x 12
D		165	185	200	220	250	285	340	405	460
Stem Top Square □S		14	17	17	19	19	19	24	27	27
Turns to open/close		6,5	7	8,5	10,5	13	15,5	17	21,5	25,5
Weight		9,6	12,5	13,4	18,2	22	32,2	57,1	79	110,8