



Resilient Seated Gate Valve, EcoValve

DN50 - DN300 (EPDM)

PN 16

The Resilient Seated Gate Valve EcoValve is a highly reliable valve with superior characteristics, in compliance with all international standards.

Technical Details

Face to Face in accordance to:

BS 5163 (EN 558-1 Series 3)

Maximum Working Pressure PFA:

16 bar / PN16

Working temperature:

Maximum +70°C

Construction complies to:

EN 1074-1&2, BS 5150 (EN 1171), BS 5163-1

Certification:

WRAS

Hygienic Certificate PZH

Flange Type:

EN 1092-2 PN16

Coating:

250 µm FBE coating, external and internal

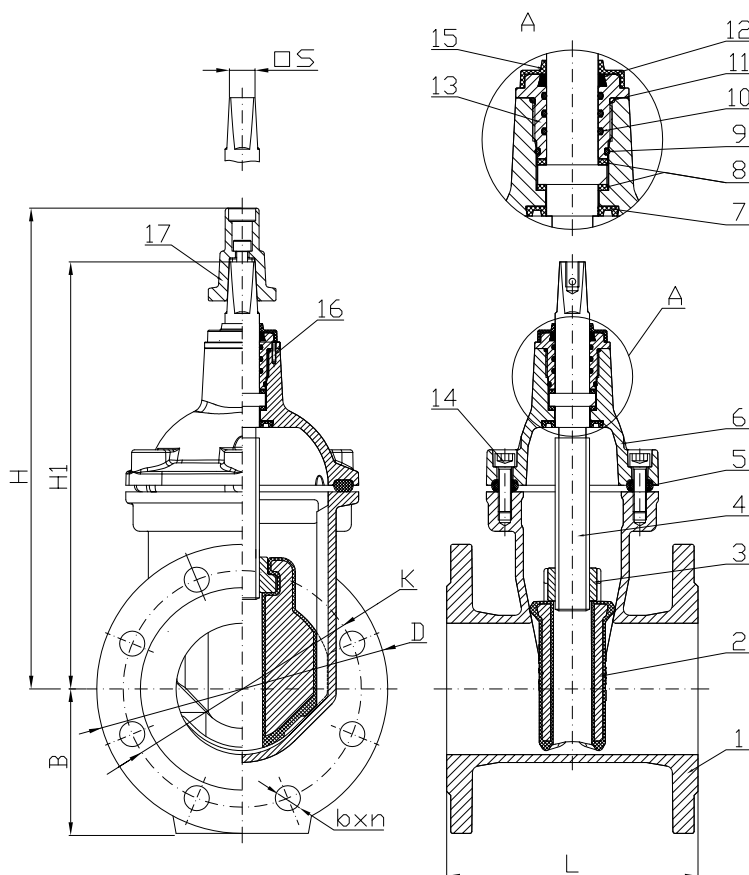
Application:

Installation for water, potable water and other inert fluids for flow closing

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 SS420 and nut wedge made of aluminum bronze
- Main seal
- Wedge guide shoes
- Supplied with Captops as standard
- Hand Wheel available on request





Notes: - Lifting eye-bolts standard from DN300

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 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	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 Screws	Stainless Steel A2-70
15	Bonnet Dust Seal	Elastomer NBR
16	Set Screw	Stainless Steel A2-70
17	Cap-Top	Ductile Iron EN-GJS-500-7

Dimension (mm & kg)

Group	DN	50	65	80	100	125	150	200	250	300
AW55	*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 PN16		125	145	160	180	210	240	295	355	410
b x n PN16		19x4	19x4	19x8	19x8	19x8	23x8	23x12	27x12	27x12
D		165	185	200	220	250	285	340	405	460
Stem Top Square □ S		14,3	17,3	17,3	19,3	19,3	19,3	24,3	27,3	27,3
Turns to open/close		6,5	7	8,5	10,5	13	15,5	17	21,5	25,5
Weight kg		9,6	12,5	13,4	18,2	22	32,2	57,1	79	110,8

Notes:
- *Clockwise or **anti-clockwise to close