



RADIUS
AEON

AS07/1

SEWAGE RESILIENT SEATED GATE VALVE OPTIVALVE PLUS™ FLANGED END F5 PREPARED FOR ACTUATOR

DN80 - DN300 (NBR)

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

Application:



In sewage, wastewater and other neutral fluid installations with temperatures up to 70°C.

Design features

- Patented double seated integral ductile iron wedge, fully NBR encapsulated
- Very low closing torque with perfectly smooth patented guiding
- Three stem seals fully replaceable under pressure
- Patented primary seal integrated in the wedge to achieve perfect top seal when valve is opened
- Integrated guide shoes on the Wedge

Technical Details:

Face to Face in accordance to:
EN 558-1 Series 15

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

Maximum working pressure PFA:
16 bar / PN16

Flange type:
EN 1092-2 PN10 i PN16

Working temperature:
Maximum +70°C

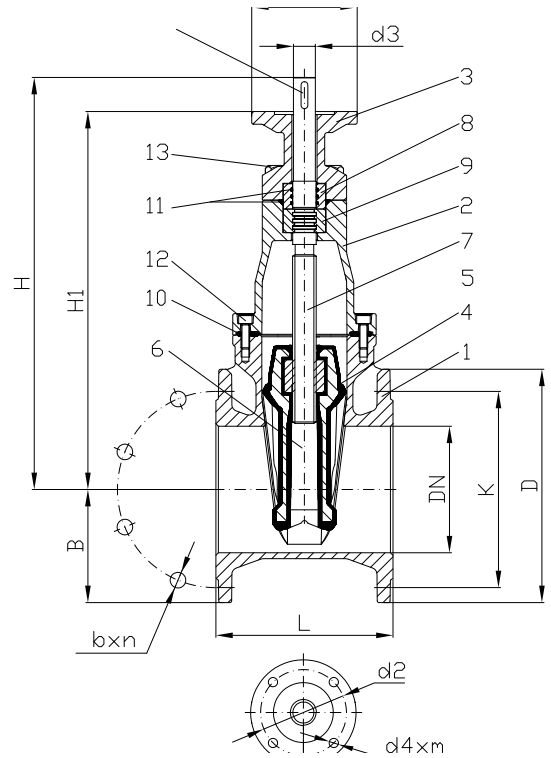
Coating:
250 µm FBE coating, external and internal





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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Bonnet	Ductile Iron EN-GJS-500-7
3	Adaptor with Flange	Ductile Iron EN-GJS-500-7
4	Wedge	D.I., NBR encapsulated EN-GJS-500-7
5	Wedge Nut	Aluminium Bronze
6	Guide Shoe	Plastic POM
7	Stem	Stainless Steel X20Cr13 / 1.4021 / 420
8	Gland Bush	Aluminium Bronze
9	Support Bush	Aluminium Bronze
10	Bonnet Gasket	Elastomer NBR
11	O-ring Seal	Elastomer NBR
12	Bonnet Screws	Stainless Steel A2-70
13	Housing Bolts	Stainless Steel A2-70



Dimension (mm & kg)

DN		80	100	125	150	200	250	300
AS07/1	PN10	BW0893	BW1093	BW1293	BW1593	BW2086	BW2612	BW3112
	PN16					BW2087	BW2613	BW3113
L		280	300	325	350	400	450	500
H		304	338	460	448	528	595	676
H1		345	379	500	489	567	637	717
B		95	102	120	134	165	196	225
K PN16 / PN10		160	180	210	240	295	355 / 350	410 / 400
b x n PN16 / PN10		19x8	19x8	19x8	23x8	23x12 / 23x8	27x12 / 23x12	27x12 / 23x12
D		200	220	250	285	340	405	460
d1		125	125	125	125	125	175	175
d2		102	102	102	102	102	140	140
d3		20	20	20	20	20	30	30
d4 x m		11x4	11x4	11x4	11x4	11x4	17,5x4	17,5x4
ISO 5210		F10	F10	F10	F10	F10	F14	F14
Parallel Key		6x6x28	6x6x28	6x6x28	6x6x28	6x6x28	8x7x32	8x7x32
Closing torque [Nm]		50	60	80	80	100	140	150
Turns to open/close		7 ½	9 ¼	13 ¾	13 ¾	18	21 ¾	26 1/3
Kv [m3/h]		654	1252		2818	5601	8751	12602
Weight		21,9	24,8	42,9	44,7	69,9	92,2	136,4