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RESILIENT SEATED GATE VALVE FLANGED END BS

DN350 - DN600 (EPDM)

The Resilient Seated Gate Valve 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
- Stem packing with three O-Rings, one primary O-Ring seal and one dust seal
- Heavy duty ductile iron construction with stainless steel X20Cr13 Cr stem, H.T. dezincification resistant brass for stem nut



Technical Details:

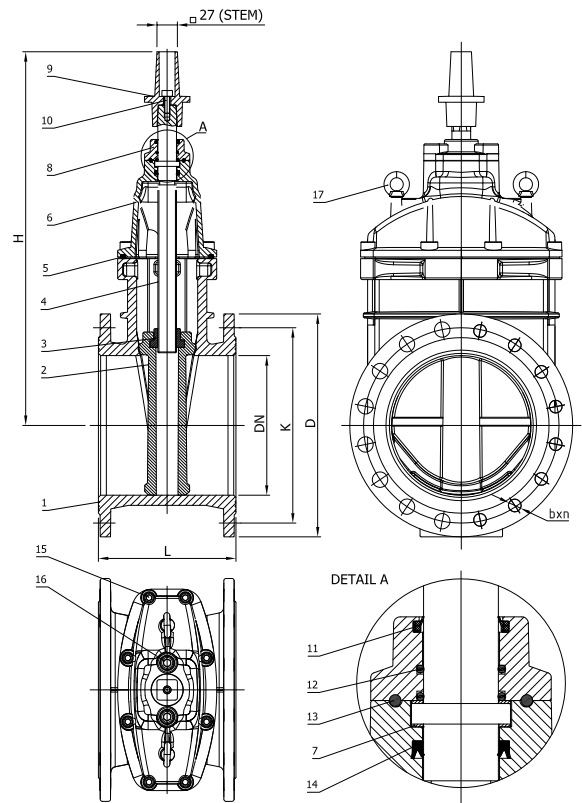
Face to Face in accordance to: BS 5163 (EN 558-1 Series 3)	Certification: WRAS
Maximum working pressure PFA: 16 bar / PN16	Flange type: EN 1092-2 PN16
Working temperature: Maximum +70°C	Coating: 250 µm FBE coating, external and internal
Construction complies to: EN 1074-1&2, EN 1171	





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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	Thrust Washer	Brass
8	Gland	Ductile Iron EN-GJS-500-7
9	Cap top	Ductile Iron EN-GJS-500-7
10	Bolts	Stainless Steel A2-70
11	Dust Ring	NBR/EPDM
12	O-ring Seal	Elastomer EPDM
13	O-ring Seal	Elastomer EPDM
14	Sealing Ring	Elastomer EPDM
15	Bolts	Carbon Steel
16	Bolts	Carbon Steel
17	Lifting Eye Bolts	Carbon Steel



Dimension (mm & kg)

DN		350	400	450	500	600
AW08/10	PN16 CC	AD1288	AD1290	AD1292	AD1294	AD1296
	PN16 ACC	AD1289	AD1291	AD1293	AD1295	AD1297
L		381	406	423	457	508
H		880	960	1050	1130	1330
B		270	300	330	370	430
K		470	525	525	650	770
b x n		28×16	31×16	31×16	34×20	37×20
D		520	580	580	715	840
Stem Top Square □S		27	27	27	32	32
Turns to open/close		30,5	34,5	29,5	32,5	34,5
Closing torque [Nm]		230 ±20	280 ±20	300 ±20	440 ±20	560 ±20
Weight		196	206	315	386	699