



Resilient Seated Gate Valve

BS, DN350 - DN600 (EPDM)

PN 16

The Resilient Seated Gate Valve available in sizes DN500-DN600 is a highly reliable valve with superior seal tightness characteristics, in compliance with major 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 to +70°C

Construction complies to:

BS 5163-1, EN 1074-1 & 2, DIN 3352

Certification:

WRAS

Flange Type:

EN 1092-2 PN10 & PN16

Coating:

250 µm FBE coating, external and internal - RAL5015

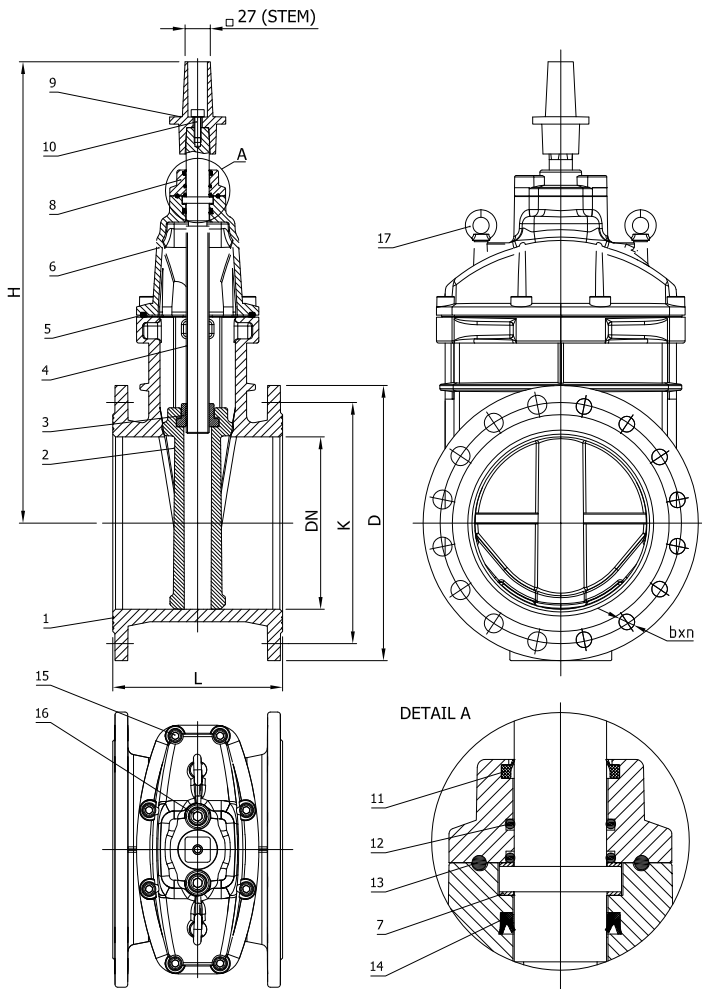
Application:

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

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 420 stem, brass wedge nut and collar





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	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	Elastomer EPDM
13	O-ring	Elastomer EPDM
14	Sealing Ring	Elastomer EPDM
15	Bolts	Carbon Steel
16	Bolts	Carbon Steel
17	Lifting Eye Bolts	Carbon Steel

Dimension (mm & kg)

Group	DN	350	400	450	500	600
AW11/1	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	585	650	770
b x n		28x16	31x16	31x20	34x20	37x20
D		520	580	640	715	840
Stem Top Square		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 [kg]		196	206	315	386	699

Notes:

- Clockwise or anti-clockwise to close