



RADIUS
AEON

BC15/1

RESILIENT SEATED GATE VALVE STEEL OPTIVALVE PLUS™ FLANGED END BS WITH VENT PLUG

DN250 - DN300

Patented dual seal technology, the optimal Resilient Seated Gate Valve provides perfect seal tightness with low torque, minimal number of turns, and full traceability.

Application:



Gas & Biogas and Natural gas lines at medium working pressure and temperature range from -20° to +85°C

Design features

- Patented double seated integral ductile iron wedge, fully NBR encapsulated
- Very low closing torque with perfectly smooth patented guiding
- Stem seals fully replaceable under pressure
- Patented primary seal integrated in the wedge to achieve perfect top seal when valve is opened
- Full bore
- Pressure point /by-pass bosses cast onto the valve as standard. These can be drilled and plugged at our factory if required (BP).

Technical Details

Face to Face in accordance to:
BS 5163 (EN 558-1 Series 3)

Maximum Operating Pressure MOP:
7 bar for double-block-and-bleed

Working temperature:
-10 do +85°C

Construction complies to:
GIS/V7-1 Class A/B, EN 13774 Class 1/2,
TSG D7002-2023

Certification:
CE (PED 2014/68/UE), DVGW, BSI Kitemark, TSG

Flange Type:
EN 1092-2 PN16
ANSI B16.5 150#RF

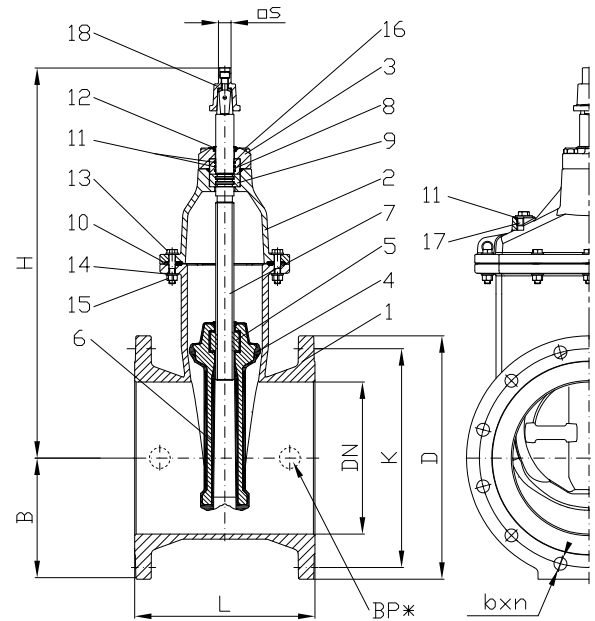
Coating:
250 µm FBE coating, external and internal
PUR available on request:
Internally - 250 µm FBE coating
Externally - polyurethane (PUR) to EN 10290





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No	Part Name	Material
1	Body	Cast Steel GP240GH / GS-C25N
2	Bonnet	Cast Steel GP240GH / GS-C25N
3	Gland Housing	Cast Steel GP240GH / GS-C25N
4	Wedge	D.I., NBR encapsulated EN-GJS-400-18/ 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	Dust Seal	Elastomer NBR
13	Bonnet Screws	Stainless Steel A2-70
14	Washer	Stainless Steel A2-70
15	Nut	Stainless Steel A2-70
16	Housing Bolts	Stainless Steel A2-70
17	Vent Plug	Stainless Steel X20Cr13 / 1.4021 / 420
18	Cap-Top	Ductile Iron EN-GJS-500-7

**Notes:**

- Pressure point/by-pass bosses cast onto the valve as standard. These can be drilled and plug at our factory if required (BP)

Dimension (mm & kg)

DN		250	300
BG15/1	PN16	BG2587	BG3087
	ANSI	BG2614	BG3114
L		330	356
H1		646	727
H		690	771
B		196	225
K EN 1092-2 / ANSI B16.5		355 / 362	410 / 431,8
b x n EN 1092-2 / ANSI B16.5		28×12 / 25,4×12	28×12 / 25,4×12
D EN 1092-2 / ANSI B16.5		406,4	482,6
Stem Top Square		27,3	27,3
Turns to open/close		21 ¾	26 ½
Weight kg		125	183

Notes:

- Clockwise to close