



BC15/6

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

DN400

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:
-20 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

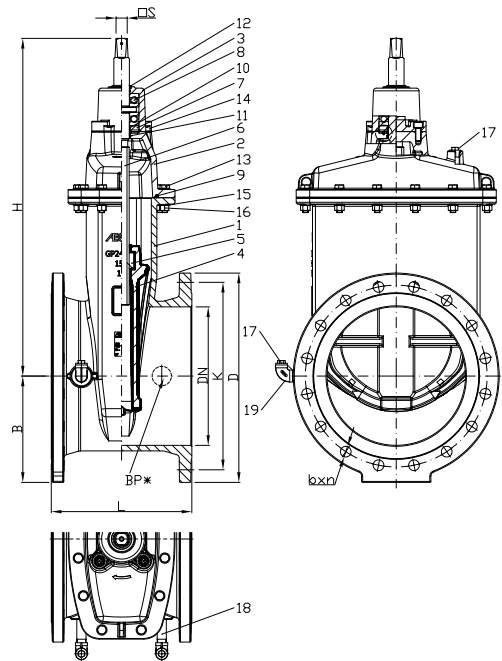
Coating:
Internally - 250 µm FBE coating
Externally - 250 µm FBE coating plus polyurethane (PUR) to EN 10290





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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-500-7
5	Wedge Nut	Aluminium Bronze
6	Stem	Stainless Steel X20Cr13 / 1.4021 / 420
7	Gland Bush	H.T. dezincification resistant Brass
8	Rolling Bearing	Component
9	Bonnet Gasket	Elastomer NBR
10	O-ring Seal	Elastomer NBR
11	Gasket	Elastomer NBR
12	Dust Seal	Elastomer NBR
13	Bonnet Screws	Stainless Steel A2-70
14	Housing Bolts	Stainless Steel A2-70
15	Washer	Stainless Steel A2-70
16	Nut	Stainless Steel A2-70
17	Vent Plug	Stainless Steel X20Cr13 / 1.4021 / 420
18	Steel Pipe 3/4"-100	Steel Pipe L360
19	Steel Elbow 90 3/4	Galvanized Cast Iron



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		400
BG15/6	POWDER COATING WITH EPOXY PAINT AND ADDITIONAL LAYER OF POLYURETHANE (PUR) - BLACK	
	PN16	BG4083
	ANSI	BG4083
L		406
H		975
B		285
K EN 1092-2 PN16 / ANSI B16.5		525 / 539,7
b x n EN 1092-2 PN16 / ANSI B16.5		28, 6×16 / 31×16
D EN 1092-2 PN16 / ANSI B16.5		595
Stem Top Square		32
Turns to open/close		34 ½ ± ½
Weight		329,8