



BC15/5

RESILIENT SEATED GATE VALVE STEEL OPTIVALVE PLUS™ FLANGED END BS



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)

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

Maximum Operating Pressure MOP:
10 bar / PN10
(7 bar for double-block-and-bleed - optional)
7 bar when used with Hydrogen gas

Flange Type:
EN 1092-2 PN16

Working temperature:
-10 do +85°C

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

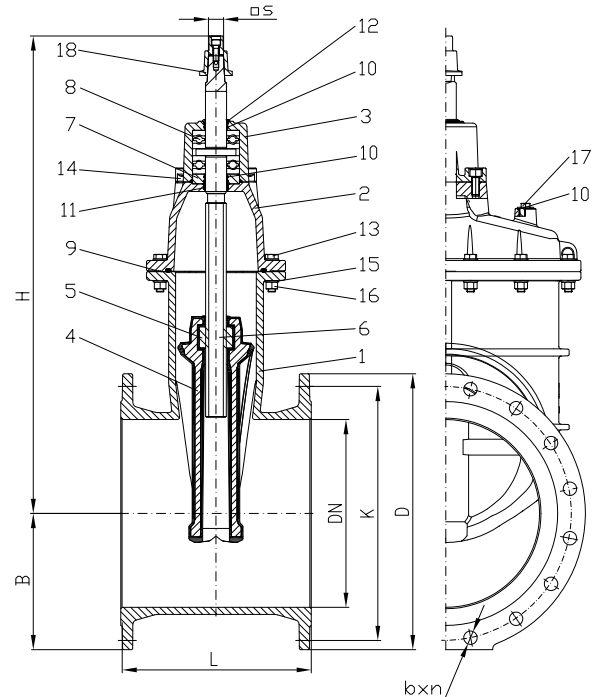
Construction complies to:
GIS/V7-1 Class A/B, EN 13774 Class 1/2,
TSG D7002-2023





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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	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	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		400
BG15/5	PN16	BG4088
L		406
H		975
B		285
D		595
BP		G3/4 (Rd 3/4-14)
Stem Top Square □S		32
Turns to open/close		34 1/2
Weight		295,7

Notes:
 - Clockwise to close