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RESILIENT SEATED GATE VALVE STEEL OPTIVALVE PLUS™ WITH PE PIPES ENDS WITH VENT PLUG

DN400 - Steel Gate Valve with PE ends

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 +40°C

Design features

- PE tails ends for fusing into PE pipe system
- Patented double seated integral ductile iron wedge, fully NBR encapsulated
- Very low closing torque with perfectly smooth patented guiding
- Three stem seals fully replaceable under pressure
- Patented primary seal integrated in the wedge to achieve perfect top seal when valve is opened
- Full bore
- The valve is equipped with a bypass outlet as standard.

Technical Details

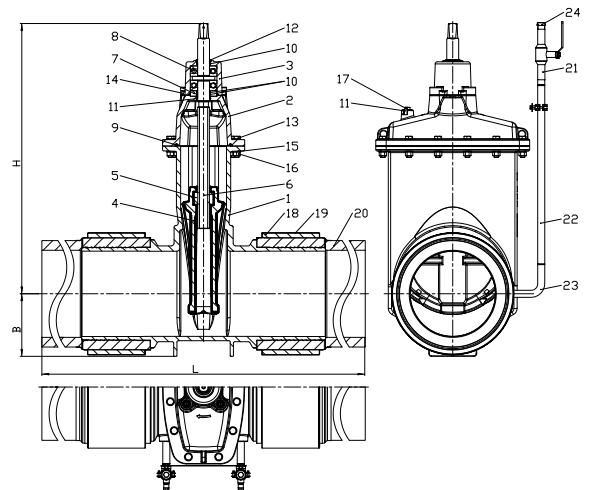
Maximum Operating Pressure MOP: 7 bar for double-block-and-bleed	Certyfikaty: BSI Kitemark, TSG
Design temperature: Cast steel valve -20 to +85°C PE pipe -20 to +40°C	Connections: Pipe PE 100 SDR 11 (On request, it can be undercut to SDR17)
Construction complies to: GIS/V7-1 Class A/B, EN 13774 Class 1/2, TSG D7002-2023	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	Sleeve	Steel
19	Shrink Hose	Plastic
20	Pipe	PE 100 gas pipes SDR11
21	Ball Valve	Steel
22	Steel Tube	Steel S235JRH
23	Steel Elbow	Steel S235JRH



Notes:
- Length of PE pipe 1500 mm - on each side.

Dimension (mm & kg)

DN		400
PE		400
BG14/4	POWDER COATING WITH EPOXY PAINT AND ADDITIONAL LAYER OF POLYURETHANE (PUR) - BLACK	
	PN10	BG4022
L **		3916 ± 20
H		1015
B		235
Stem Top Square		32
Turns to open/close		34 ½ ± ½
Weight		562

** Length may be different