



RADIUS
AEON

BC14/3

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

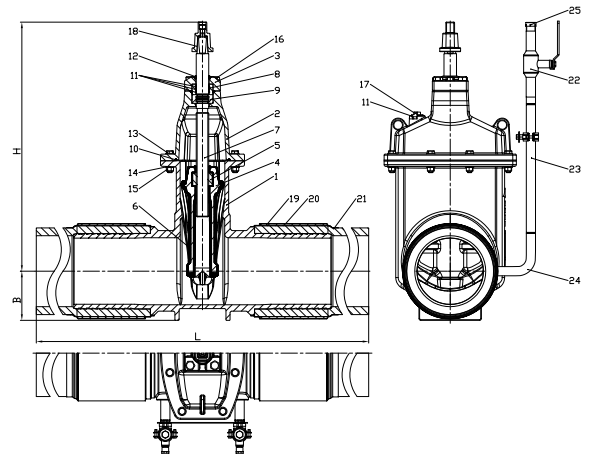
Maximum Operating Pressure MOP: 7 bar for double-block-and-bleed	Certyfikaty: BSI Kitemark, TSG
Design temperature: Cast steel valve -20 to +85°C PE pipe -20 to +40°C	Connections: Pipe PE 100 SDR 11 (On request, it can be undercut to SDR17)
Construction complies to: GIS/V7-1 Class A/B, EN 13774 Class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



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

Dimension (mm & kg)

DN		250	300
PE		250	315
BG14/3	POWDER COATING WITH EPOXY PAINT AND ADDITIONAL LAYER OF POLYURETHANE (PUR) - BLACK		
	PN10	BG2522	BG3022
L**		3742 ± 20	3796 ± 20
H		718	770
B		142	186
Stem Top Square		27,3	27,3
Turns to open/close		21 ¾	26 ⅓
Weight		193	297