



VAG Gate valve Series: BETA® 300 Type: 21118 Ductile cast iron DVGW (gas) Butt weld PN10/16

Ductile iron gate valve, resilient seated, internally and externally provided with epoxy coating, pressure class PN16.

Characteristics

Series: BETA® 300

Type: 21118

Norm: EN (DIN)

Housing material: Ductile cast iron

Surface protection: Epoxy coating (in- and external)

Connection: Butt weld

Standard welding connection: SDR 11

Stem seal type: O-ring

Wedge material: Cast iron nodular rubber coated

Spindle material: 1.4057

Primary spindle seal material: NBR

Material bonnet: EN-JS1030

Bonnet gasket material: NBR

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 50 °C

Approvals: DVGW

DVGW (gas): Yes

Technical Information

- With DVGW Gas approval.
- Triple O-ring seal.
- Durable construction with innovative developments, such as plastic sliding sleeves around the wedge that guarantee low operating torques.
- Epoxy coating applied according to GSK guidelines, min.300 µm, yellow.
- Suitable for vacuum up to 90%.

Options

- Available with hand wheel [fig. 21110], gearbox or stem extension with installation set [fig. 21111].
- Available with pneumatic, electric or hydraulic actuator.
- Available with position feedback, both on the manual and automated valves.

Application

- For use in (natural) gas applications.
- Suitable for above and underground installation.
- Recommended in: Renewables & new energies

Material quality	Nominal inner diameter	External tube diameter of connection	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of bonnet	Sealing	Maximum pressure difference at 20 °C	Article
		mm			mm				bar	
EN-JS1030	DN50	63	PN16	Manufacturer standard	566	Bare stem	Bolted bonnet	NBR	16	13450100
EN-JS1030	DN80	90	PN16	Manufacturer standard	740	Bare stem	Bolted bonnet	NBR	16	13450101
EN-JS1030	DN100	110	PN16	Manufacturer standard	775	Bare stem	Bolted bonnet	NBR	16	13450102
EN-JS1030	DN100	125	PN16	Manufacturer standard	775	Bare stem	Bolted bonnet	NBR	16	13450103
EN-JS1030	DN125	140	PN16	Manufacturer standard	862	Bare stem	Bolted bonnet	NBR	16	13450104
EN-JS1030	DN150	160	PN16	Manufacturer standard	902	Bare stem	Bolted bonnet	NBR	16	13450105
EN-JS1030	DN150	180	PN16	Manufacturer standard	982	Bare stem	Bolted bonnet	NBR	16	13450106
EN-JS1030	DN200	225	PN10	Manufacturer standard	1099	Bare stem	Bolted bonnet	NBR	10	13450107
EN-JS1030	DN200	225	PN16	Manufacturer standard	1129	Bare stem	Bolted bonnet	NBR	16	13450108

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