



VAG Gate valve Series: EKO[®]plus (BETA[®] 300) Type: 21106 Ductile cast iron Flange PN10/16

Ductile iron gate valve, resilient seated, internally and externally provided with Resicoat[®] R4 epoxy coating, short face-to-face length EN 558 S14 (formerly DIN 3202 F4), pressure class PN10 or PN16.

Characteristics

Series: EKO[®]plus (BETA[®] 300)

Type: 21106

Norm: EN (DIN)

Housing material: Ductile cast iron

Surface protection: Epoxy coating (in- and external)

Connection: Flange

Flange finish: Raised face

Stem seal type: O-ring

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

Application

- For use in waste water applications.
- Suitable for above and underground installation.

Technical Information

- Triple O-ring seal.
- Durable construction with innovative developments, such as plastic sliding sleeves around the wedge that guarantee low operating torques.
- Resicoat[®] R4 epoxy coating applied according to GSK guidelines, min.300 µm, RAL 5005 (signal blue).
- 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.

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of bonnet	Sealing	Wedge material	Maximum pressure difference at 20 °C bar	Article
EN-JS1030	DN40	PN16	EN 558, Series 14	140	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674132
EN-JS1030	DN50	PN16	EN 558, Series 14	150	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12656361
EN-JS1030	DN65	PN16	EN 558, Series 14	170	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674133
EN-JS1030	DN80	PN16	EN 558, Series 14	180	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674134
EN-JS1030	DN100	PN16	EN 558, Series 14	190	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12649414
EN-JS1030	DN125	PN16	EN 558, Series 14	200	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674135
EN-JS1030	DN150	PN16	EN 558, Series 14	210	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674136
EN-JS1030	DN200	PN10	EN 558, Series 14	230	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	10	12674137

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of bonnet	Sealing	Wedge material	Maximum pressure difference at 20 °C bar	Article
EN-JS1030	DN200	PN16	EN 558, Series 14	230	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12649270
EN-JS1030	DN250	PN10	EN 558, Series 14	250	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	10	12674138
EN-JS1030	DN250	PN16	EN 558, Series 14	250	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674139
EN-JS1030	DN300	PN10	EN 558, Series 14	270	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	10	12674140
EN-JS1030	DN300	PN16	EN 558, Series 14	270	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674141
EN-JS1030	DN350	PN10	EN 558, Series 14	290	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	10	12674142
EN-JS1030	DN350	PN16	EN 558, Series 14	290	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674143
EN-JS1030	DN400	PN10	EN 558, Series 14	310	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	10	12674144
EN-JS1030	DN400	PN16	EN 558, Series 14	310	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	16	12674145
EN-JS1030	DN500	PN10	EN 558, Series 14	350	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	10	12674146
EN-JS1030	DN600	PN10	EN 558, Series 14	390	Bare stem	Bolted bonnet	NBR	Cast iron nodular rubber coated	10	13374552

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