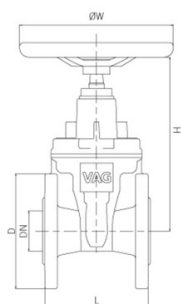




VAG Gate valve Series: EKO[®]plus (BETA[®] 300) Type: 21104 Ductile cast iron KIWA Flange PN10/16



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: 21104

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: 1.4021

Primary spindle seal material: EPDM

Material bonnet: EN-JS1030

Bonnet gasket material: EPDM

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 30 °C

Approvals: KIWA

KIWA: Yes

Application

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

Technical Information

- With KIWA drinking water approval.
- 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%.

Approval

- With KIWA drinking water approval for a maximum temperature of 30 °C.

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	Operation	Type of bonnet	Sealing	Wedge material	Maximum pressure difference at 20 °C	Article
mm										bar
EN-JS1030	DN40	PN16	EN 558, Series 14	140	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674102
EN-JS1030	DN50	PN16	EN 558, Series 14	150	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674103
EN-JS1030	DN65	PN16	EN 558, Series 14	170	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674104
EN-JS1030	DN80	PN16	EN 558, Series 14	180	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12660685
EN-JS1030	DN100	PN16	EN 558, Series 14	190	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674105

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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	DN125	PN16	EN 558, Series 14	200	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674106
EN-JS1030	DN150	PN16	EN 558, Series 14	210	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12645288
EN-JS1030	DN200	PN10	EN 558, Series 14	230	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	10	12650006
EN-JS1030	DN200	PN16	EN 558, Series 14	230	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674107
EN-JS1030	DN250	PN10	EN 558, Series 14	250	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	10	12674108
EN-JS1030	DN250	PN16	EN 558, Series 14	250	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674109
EN-JS1030	DN300	PN10	EN 558, Series 14	270	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	10	12645285
EN-JS1030	DN300	PN16	EN 558, Series 14	270	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674110
EN-JS1030	DN350	PN10	EN 558, Series 14	290	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	10	12674111
EN-JS1030	DN350	PN16	EN 558, Series 14	290	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674112
EN-JS1030	DN400	PN10	EN 558, Series 14	310	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	10	12661204
EN-JS1030	DN400	PN16	EN 558, Series 14	310	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	16	12674114
EN-JS1030	DN500	PN10	EN 558, Series 14	350	Bare stem	Bolted bonnet	EPDM	Cast iron nodular rubber coated	10	12674115

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