



VAG Check valve Series: SKR Type: 21191 Ductile cast iron Flange PN10/16

This metal sealing check valve features a tilting disc and a slanted seat, which reduces the closing time. The specially shaped valve offers a low level of resistance, making it easy to open. The inside is lined with rubber to ensure resistance to salt water. A minimum flow velocity of 1.5 m/s in the plant is required in order to ensure that the valve operates correctly. Suitable for use in water treatment applications, for water distribution and for pre-treated wastewater. Optionally available with an internal damper to reduce the valve stroke.

Characteristics

Series: SKR

Type: 21191

Norm: EN (DIN)

Construction type: Straight

Housing material: Ductile cast iron

Material quality: EN-JS1030

Surface protection: Epoxy coated outside, rubber ebonited inside

Connection: Flange

Flange finish: Raised face

Face to Face norm: EN 558, Series 14

Maximum medium temperature (continuous): 50 °C

Application

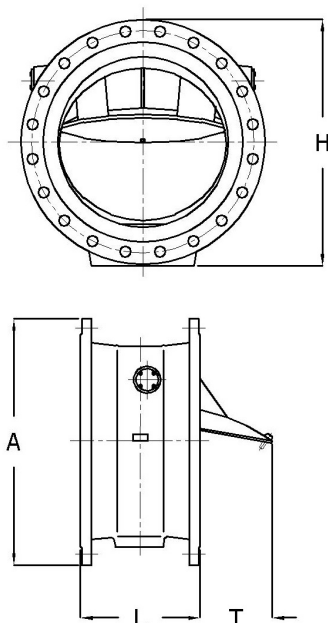
- Water, drinking water and other neutral media

Technical Information

- Metal gasket complies with EN 16767
- Total length: Complies with EN 558, basic series 14 [DIN 3202, F4]
- Fit sealing flanges that comply with EN 1092-2 on both sides
- Compact design
- Short closing time thanks to the approx. 30% stroke reduction resulting from the slanted seat
- Non-corroding and abrasion-resistant sealing tape
- No moving parts outside the valve
- Lower level of pressure loss due to the freewheel valve
- Outside coated in 250µm of epoxy
- Inside lined with Ebonite rubber

Options

- Available as a type 21190 standard model
- End position signal
- Mechanical position indicator
- Internal damper to reduce the valve stroke



Size table:

DN	A mm	H mm	L mm	T mm
DN200	340	350	230	55
DN250	400	410	250	75
DN300	455	464	270	100
DN350	520	530	290	135
DN400	575	590	310	150
DN500	670	680	350	210
DN600	780	790	390	265
DN700	895	910	430	320
DN800	1015	1050	470	380

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	With damper	Sealing	Material disc	Material shaft	Minimum medium temperature (continuous) °C	Maximum pressure difference at 20 °C bar	Article
DN200	PN10	230	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456101
DN200	PN16	230	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456102
DN250	PN10	250	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456103
DN250	PN16	250	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456104
DN300	PN10	270	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456105
DN300	PN16	270	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456106
DN350	PN10	290	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456107
DN350	PN16	290	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456108
DN400	PN10	310	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456109
DN400	PN16	310	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456110
DN500	PN10	350	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456111
DN500	PN16	350	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456112
DN600	PN10	390	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456114
DN600	PN16	390	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456115
DN700	PN10	430	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456116
DN700	PN16	430	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456117
DN800	PN10	470	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	14456118
DN800	PN16	470	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	14456119

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