



VAG Check valve Series: SKR Type: 21190 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. 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: 21190
Norm: EN [DIN]
Construction type: Straight
Housing material: Ductile cast iron
Material quality: EN-JS1030
Surface protection: Epoxy coating (in- and external)
Connection: Flange
Flange finish: Raised face
Face to Face norm: EN 558, Series 14
Maximum medium temperature (continuous): 50 °C

Application

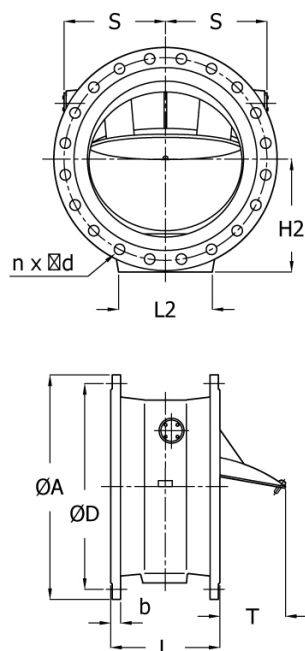
- Water, drinking water and other neutral media

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
- Coated in 250µm of epoxy (inside and outside)

Options

- Available as a type 21191, salt water-resistant 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
DN450	615	624	330	190
DN500	670	680	350	210
DN600	780	790	390	265
DN700	895	910	430	320
DN800	1015	1050	470	380
DN900	1115	1130	510	420
DN1000	1230	1240	550	470

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	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449980
DN200	PN10	230	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13449927
DN200	PN16	230	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13449973
DN200	PN16	230	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13449988
DN250	PN10	250	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449981
DN250	PN10	250	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13449928
DN250	PN16	250	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13402349
DN250	PN16	250	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13449989
DN300	PN10	270	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449982
DN300	PN10	270	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13449929
DN300	PN16	270	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13402350
DN300	PN16	270	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13449974
DN350	PN10	290	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13305114
DN350	PN10	290	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449983
DN350	PN16	290	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13449975
DN350	PN16	290	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13449990
DN400	PN10	310	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449984
DN400	PN10	310	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13449930
DN400	PN16	310	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13449991
DN400	PN16	310	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13449976
DN450	PN10	330	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13449931
DN450	PN10	330	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449985
DN450	PN16	330	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13449992
DN450	PN16	330	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13449977
DN500	PN10	350	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13305615
DN500	PN10	350	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449986
DN500	PN16	350	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13449978
DN500	PN16	350	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13449993
DN600	PN10	390	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	10	13449932

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

Non-return Valves | Non-return Valves with Flange Connection

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
DN600	PN10	390	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449987
DN600	PN16	390	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	16	13449994
DN600	PN16	390	Swing type	No	Stainless steel	EN-JS1030	1.4021	-10	16	13449979
DN700	PN10	430	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449996
DN800	PN10	470	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13449998
DN900	PN10	510	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	10	13450000
DN1000	PN10	550	Swing type	Yes	Stainless steel	EN-JS1030	1.4021	-10	6	13450002

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.