

VAG Knifegate valve Series: Zeta Type: 21130 Cast iron Hand wheel Wafer type

Cast iron knife valve with stainless steel plate pressure class PN2,5-PN10.

Characteristics

Series: Zeta
Type: 21130
Norm: EN (DIN)
Housing construction: 2-part
Housing material: Cast iron
Material quality: EN-JL1040
Surface protection: Epoxy coating (in- and external)
Connection: Wafer type
Type of sealing: Bi-directional
Spindle material: 1.4021
Material bracket: 1.4301
Actuator material: Steel
Medium temperature: -10 / 50 °C

Application

- [Waste] water and other contaminated media.

Technical Information

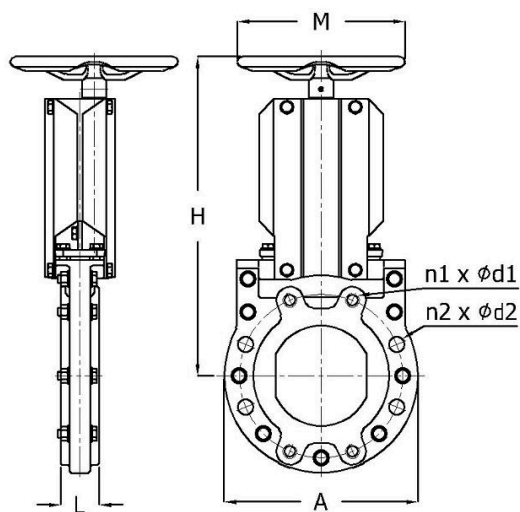
- Stainless steel 1.4301 [SS304] or stainless steel 1.4404 [SS316L] plate.
- Tightness in both flow directions [bidirectional] conform EN 12266-1, rate B.
- Enlarged bottom seal to ensure perfect Tightness in all modes of operation.
- Face-to-face length DIN EN 558-1 series 20.
- Integrated scrapers on both sides keep the knife permanently clean.
- Profiled lateral seal which can be readjusted and replaced without dismantling the valve from the pipeline.
- Inside and outside epoxy-coated RAL 5005 coating thickness >250 µm.
- Full flange design can be used as wafer-type valve and end-of-line valve without counter-flange at full operating pressure.

Options

- Other materials, pressure classes, flange connections and larger diameters up to DN 1400.
- Pneumatic, electric or hydraulic operated.
- Open/close switches mechanical or inductive.
- Coating on customer specifications.
- Executed as a control valve.
- Available with EN 10204.31 certificate.

Size table:

DN	A mm	H mm	L mm	M mm	n1 x Ød1	n2 x Ød2	Weight kg
DN50	165	290	43	200	4 x M16		9
DN65	185	305	46	200	4 x M16		11
DN80	200	340	46	250	4 x M16	4 x Ø19	12
DN100	220	365	52	250	4 x M16	4 x Ø19	15
DN125	250	420	56	250	4 x M16	4 x Ø19	20
DN150	285	480	56	250	4 x M20	4 x Ø23	25
DN200	340	580	60	300	4 x M20	4 x Ø23	37
DN250	395	740	68	400	8 x M20	4 x Ø23	69
DN300	445	830	78	400	8 x M20	4 x Ø23	91
DN350	505	930	78	400	10 x M20	6 x Ø26	134
DN400	565	1030	102	400	10 x M24	6 x Ø26	164
DN500	670	1250	127	500	14 x M24	6 x Ø26	280
DN600	780	1430	154	600	14 x M27	6 x Ø30	370
DN700	895	2410	165	400	16 x M27	8 x Ø31	600
DN800	1015	2670	190	400	16 x M30	8 x Ø34	720
DN900	1115	2960	203	500	18 x M30	10 x Ø34	850
DN1000	1230	3250	216	500	18 x M33	10 x Ø37	1200



Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face norm	Face to Face length mm	Operation	Sealing	Plate material	Primary spindle seal material	Maximum pressure difference at 20 °C bar	Article
DN50	PN10	PN10	EN 558, Series 20	43	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202671
DN65	PN10	PN10	EN 558, Series 20	46	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202672
DN80	PN10	PN10	EN 558, Series 20	46	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202683
DN100	PN10	PN10	EN 558, Series 20	52	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202684
DN125	PN10	PN10	EN 558, Series 20	56	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202697
DN150	PN10	PN10	EN 558, Series 20	56	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202685
DN200	PN10	PN10	EN 558, Series 20	60	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202686
DN200	PN10	PN10	EN 558, Series 20	60	Hand wheel, non-rising with non-rising stem	NBR	SS304	NBR	10	13426887

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Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face norm	Face to Face length mm	Operation	Sealing	Plate material	Primary spindle seal material	Maximum pressure difference at 20 °C bar	Article
DN250	PN10	PN10	EN 558, Series 20	68	Hand wheel, non-rising with non-rising stem	NBR	SS304	NBR	10	13426888
DN250	PN10	PN10	EN 558, Series 20	68	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202687
DN300	PN10	PN10	EN 558, Series 20	78	Hand wheel, non-rising with non-rising stem	NBR	SS304	NBR	10	13426889
DN300	PN10	PN10	EN 558, Series 20	78	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	10	14202688
DN350	PN8	PN10	EN 558, Series 20	78	Hand wheel, non-rising with non-rising stem	NBR	SS304	NBR	8	13426890
DN350	PN8	PN10	EN 558, Series 20	78	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	8	14202689
DN400	PN8	PN10	EN 558, Series 20	102	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	8	14202690
DN400	PN8	PN10	EN 558, Series 20	102	Hand wheel, non-rising with non-rising stem	NBR	SS304	NBR	8	13426891
DN500	PN6	PN10	EN 558, Series 20	127	Hand wheel, non-rising with non-rising stem	NBR	SS304	NBR	6	13426892
DN500	PN6	PN10	EN 558, Series 20	127	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	6	14202691
DN600	PN6	PN10	EN 558, Series 20	154	Hand wheel, non-rising with non-rising stem	NBR	SS316	NBR	6	14202692
DN600	PN6	PN10	EN 558, Series 20	154	Hand wheel, non-rising with non-rising stem	NBR	SS304	NBR	6	13426893
DN700	PN4	PN10	EN 558, Series 20	165	Gearbox	NBR	SS304	NBR	4	13426894
DN700	PN4	PN10	EN 558, Series 20	165	Gearbox	NBR	SS316	NBR	4	14202693
DN800	PN4	PN10	EN 558, Series 20	190	Gearbox	NBR	SS316	NBR	4	14202694
DN800	PN4	PN10	EN 558, Series 20	190	Gearbox	NBR	SS304	NBR	4	13426895
DN900	PN2.5	PN10	EN 558, Series 20	203	Gearbox	NBR	SS304	NBR	2.5	13426896
DN900	PN2.5	PN10	EN 558, Series 20	203	Gearbox	NBR	SS316	NBR	2.5	14202695
DN1000	PN2.5	PN10	EN 558, Series 20	216	Gearbox	NBR	SS316	NBR	2.5	14202696
DN1000	PN2.5	PN10	EN 558, Series 20	216	Gearbox	NBR	SS304	NBR	2.5	13426897

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