



CHEMVALVE-SCHMID Wafer type check valve Series: PrimeSwing CSC Type: 72828RVS Stainless steel Wafer type PN40

Stainless steel wafer type check valve with swing type disc and spring, pressure class PN40.

Characteristics

Series: PrimeSwing CSC
Type: 72828RVS
Norm: EN [DIN]
Housing material: Stainless steel
Material quality: 1.4408
Connection: Wafer type
Face to Face norm: Manufacturer standard
With spring: Yes
Spring material: 1.4401
Minimum medium temperature (continuous): -10 °C
Maximum pressure difference at 20 °C: 40 bar

Application

- General industry.
- Corrosive liquids and gases.
- Hot or cold [sea] water, etc.
- Suitable for horizontal and vertical (rising flow) mounting.

Technical Information

- Mounting between EN [DIN] and/or ASME flanges, varies by size.
- In certain size/pressure class combinations provided with a centering ring.
- Very short Face to Face length.
- Light weight.
- Equipped with lifting eye.
- Testing: EN 12266-1.
- Leakage Class EN 12266-1: with metal or PTFE seal Class D, with EPDM, NBR or FKM seal Class A.
- Information on opening pressures on request.

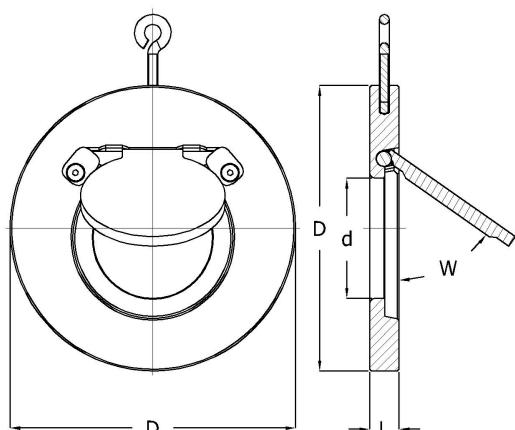
Options

- Available without spring; type 72827RVS.
- Available in steel; type 72828ST.
- Available in polypropylene; type 72828PP.
- Available with soft seal: EPDM, NBR, FKM or PTFE.
- Available in larger sizes.
- Available with O-ring in flange sealing faces, to replace flange gaskets.
- Calculation of the correct size based on process flow data.

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Size table:

DN	d mm	D mm	L mm	W °	Weight kg
DN50 - 2"	25	107	16.5	55	1.2
DN65 - 2.1/2"	38	127	16.5	60	1.6
DN80 - 3"	46	142	17.5	55	2.1
DN100 - 4"	71.5	162	17.5	55	2.6
DN125 - 5"	95	192	19.5	55	4
DN150 - 6"	114	218	19.5	60	6
DN200 - 8"	140	273	30	55	12



Pressure rating flange	Centering ring					
	Size					
	DN100	DN125	DN150	DN200	DN250	DN300
PN25	X		X	X	X	X
PN40	X		X	X	X	X
Class 150	X				X	X
Class 300	X	X	X	X	X	X

X: In this size/pressure rating flange combination the centering ring is included.

Nominal inner diameter	Standard connection	Pressure rating	Pressure rating flange	Face to Face length	Valve shape	Kv value	Sealing	Material disc	Maximum medium temperature (continuous)	Article
				mm		m³/h			°C	
DN50 - 2"	EN [DIN]/ ASME	PN40	PN10/16/25/40 and Class 300	16.5	Swing type	54	EPDM	1.4408	130	13492849
DN50 - 2"	EN [DIN]/ ASME	PN40	PN10/16/25/40 and Class 300	16.5	Swing type	54	NBR	1.4408	120	10050550
DN50 - 2"	EN [DIN]/ ASME	PN40	PN10/16/25/40 and Class 300	16.5	Swing type	54	Stainless steel	1.4408	300	13641983
DN65 - 2.1/2"	EN [DIN]/ ASME	PN40	PN10/16/25/40 and Class 300	16.5	Swing type	75	NBR	1.4408	120	10050551
DN80 - 3"	EN [DIN]/ ASME	PN40	PN10/16/25/40 and Class 300	17.5	Swing type	112	NBR	1.4408	120	10050552
DN80 - 3"	EN [DIN]/ ASME	PN40	PN10/16/25/40 and Class 300	17.5	Swing type	112	Stainless steel	1.4408	300	13641985
DN100 - 4"	EN [DIN]	PN40	PN10/16	17.5	Swing type	228	NBR	1.4408	120	10050553
DN125 - 5"	EN [DIN]/ ASME	PN40	PN10/16/25/40 and Class 150	19.5	Swing type	342	NBR	1.4408	120	10050554
DN150 - 6"	EN [DIN]/ ASME	PN40	PN10/16 and Class 150	19.5	Swing type	490	EPDM	1.4408	130	12554246
DN150 - 6"	EN [DIN]/ ASME	PN40	PN10/16 and Class 150	19.5	Swing type	490	NBR	1.4408	120	10050555
DN200 - 8"	EN [DIN]/ ASME	PN40	PN10/16 and Class 150	30	Swing type	810	NBR	1.4408	120	10050556

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