



CHEMVALVE-SCHMID Wafer type check valve Series: PrimeSwing CSC Type: 72827PP PP Wafer type PN6

Polypropylene wafer type check valve with swing type disc, pressure class PN6.

Characteristics

Series: PrimeSwing CSC
Type: 72827PP
Norm: EN [DIN]
Housing material: PP
Material quality: Polypropylene
Connection: Wafer type
Face to Face norm: Manufacturer standard
With spring: No
Maximum medium temperature (continuous): 100 °C
Maximum pressure difference at 20 °C: 6 bar

Application

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

Technical Information

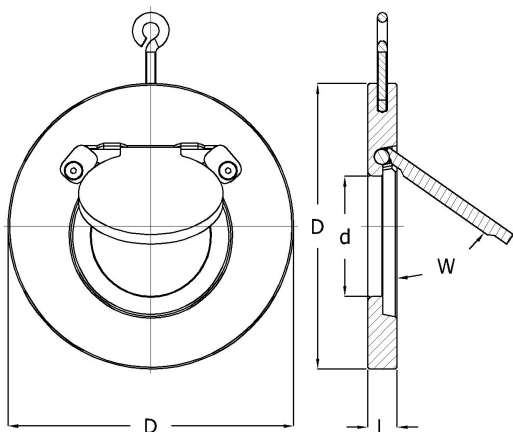
- Mounting between EN [DIN] flanges.
- Very short Face to Face length.
- Ultra light weight.
- Equipped with lifting eye.
- Testing: EN 12266-1.
- Leakage Class EN 12266-1: with PP or PTFE seal Class D, with EPDM, NBR or FKM seal Class A.
- Information on opening pressures on request.

Options

- Available with spring; type 72828PP.
- Available in stainless steel; type 72827RVS.
- Available in steel; type 72827ST.
- Available in reinforced PTFE; type 72827RPTFE.
- 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.

Size table:

DN	d mm	D mm	L mm	W °	Weight kg
DN50	25	107	16.5	55	0.13
DN65	38	127	16.5	60	0.18
DN80	46	142	17.5	55	0.23
DN100	71.5	162	17.5	55	0.32
DN125	95	192	19.5	55	0.43
DN150	114	218	19.5	60	0.58
DN200	140	273	30	55	1.29
DN250	188	328	30	50	1.92
DN300	216	378	34	50	2.95



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.

Nominal inner diameter	Standard connection	Pressure rating	Pressure rating flange	Face to Face length	Valve shape	Kv value	Sealing	Material disc	Minimum medium temperature (continuous)	Article
				mm		m³/h			°C	
DN50	EN (DIN)	PN6	PN10/16	16.5	Swing type	54	EPDM	PP	-10	10050505
DN50	EN (DIN)	PN6	PN10/16	16.5	Swing type	54	FPM (FKM)	PP	-10	14046745
DN50	EN (DIN)	PN6	PN10/16	16.5	Swing type	54	PP	PP	-10	14046735
DN65	EN (DIN)	PN6	PN10/16	16.5	Swing type	75	EPDM	PP	-10	10050506
DN65	EN (DIN)	PN6	PN10/16	16.5	Swing type	75	FPM (FKM)	PP	-10	14046746
DN65	EN (DIN)	PN6	PN10/16	16.5	Swing type	75	PP	PP	-10	14046736
DN80	EN (DIN)	PN6	PN10/16	17.5	Swing type	112	EPDM	PP	-10	10050507
DN80	EN (DIN)	PN6	PN10/16	17.5	Swing type	112	PP	PP	-10	14046737
DN100	EN (DIN)	PN6	PN10/16	17.5	Swing type	228	EPDM	PP	-10	10050508
DN100	EN (DIN)	PN6	PN10/16	17.5	Swing type	228	FPM (FKM)	PP	-10	14046747
DN100	EN (DIN)	PN6	PN10/16	17.5	Swing type	228	PP	PP	-10	14046738
DN125	EN (DIN)	PN6	PN10/16	19.5	Swing type	342	EPDM	PP	-10	10050509
DN125	EN (DIN)	PN6	PN10/16	19.5	Swing type	342	FPM (FKM)	PP	-10	14046748
DN125	EN (DIN)	PN6	PN10/16	19.5	Swing type	342	PP	PP	-10	14046739
DN150	EN (DIN)	PN6	PN10/16	19.5	Swing type	490	EPDM	PP	-10	10050510
DN150	EN (DIN)	PN6	PN10/16	19.5	Swing type	490	FPM (FKM)	PP	-10	13510159
DN150	EN (DIN)	PN6	PN10/16	19.5	Swing type	490	PP	PP	-10	14046740
DN200	EN (DIN)	PN6	PN10/16	30	Swing type	810	EPDM	PP	-10	10050511
DN200	EN (DIN)	PN6	PN10/16	30	Swing type	810	FPM (FKM)	PP	-10	14046750
DN200	EN (DIN)	PN6	PN10/16	30	Swing type	810	PP	PP	-10	14046741
DN250	EN (DIN)	PN6	PN10/16	30	Swing type	1.5	EPDM	PP	-10	10050512
DN250	EN (DIN)	PN6	PN10/16	30	Swing type	1.5	FPM (FKM)	PP	-10	14046752
DN250	EN (DIN)	PN6	PN10/16	30	Swing type	1.5	PP	PP	-10	14046742
DN300	EN (DIN)	PN6	PN10/16	34	Swing type	2076	EPDM	PP	-10	10050513
DN300	EN (DIN)	PN6	PN10/16	34	Swing type	2076	FPM (FKM)	PP	-10	14046753
DN300	EN (DIN)	PN6	PN10/16	34	Swing type	2076	PP	PP	-10	14046743

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.