



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

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

This is a dual-use or controlled item. When exporting this item outside the EU an export license is required from the regulatory authorities.

Characteristics

Series: PrimeSwing CSC
Type: 72827RPTFE
Norm: EN (DIN)
Housing material: RPTFE
Material quality: PTFE +25% glass fiber
Connection: Wafer type
Face to Face norm: Manufacturer standard
With spring: No
Maximum medium temperature (continuous): 180 °C
Maximum pressure difference at 20 °C: 6 bar

Application

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

Technical Information

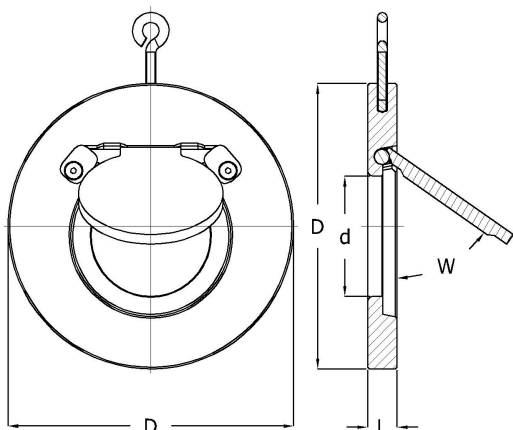
- Mounting between EN (DIN) flanges.
- Very short Face to Face length.
- Ultra light weight.
- Equipped with lifting eye.
- Testing: EN 12266-1.
- Leakage Class EN 12266-1: with PTFE seal Class D, with EPDM, NBR or FKM seal Class A.
- Information on opening pressures on request.

Options

- Available in stainless steel; type 72827RVS.
- Available in steel; type 72827ST.
- Available in polypropylene; type 72827PP.
- 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	0.31
DN65	38	127	16.5	60	0.43
DN80	46	142	17.5	55	0.56
DN125	95	192	19.5	55	1.06
DN150	114	218	19.5	60	1.4
DN200	140	273	30	55	3.14
DN250	188	328	30	50	4.7
DN300	216	378	34	50	2.95



Nominal inner diameter	Standard connection	Pressure rating	Pressure rating flange	Face to Face length mm	Valve shape	Kv value m³/h	Sealing	Material disc	Minimum medium temperature (continuous) °C	Article
DN50	EN (DIN)	PN6	PN10/16	16.5	Swing type	54	RPTFE	PTFE +25% glass fiber	-10	14046754
DN65	EN (DIN)	PN6	PN10/16	16.5	Swing type	75	RPTFE	PTFE +25% glass fiber	-10	14046755
DN80	EN (DIN)	PN6	PN10/16	17.5	Swing type	112	RPTFE	PTFE +25% glass fiber	-10	14046756
DN125	EN (DIN)	PN6	PN10/16	19.5	Swing type	342	RPTFE	PTFE +25% glass fiber	-10	14046757
DN150	EN (DIN)	PN6	PN10/16	19.5	Swing type	490	RPTFE	PTFE +25% glass fiber	-10	14046758
DN200	EN (DIN)	PN6	PN10/16	30	Swing type	810	FPM (FKM)	PTFE +25% glass fiber	-10	14046759
DN250	EN (DIN)	PN6	PN10/16	30	Swing type	1.5	RPTFE	PTFE +25% glass fiber	-10	14046760
DN300	EN (DIN)	PN6	PN10/16	34	Swing type	2076	RPTFE	PTFE +25% glass fiber	-10	14046761

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.