



CHEMVALVE-SCHMID Wafer type check valve Series: ChemDisc DTEF Type: 72628 Stainless steel, PTFE lined Wafer type PN10

PTFE wafer type check valve with stainless steel casing, disc and spring, pressure class PN10.

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: ChemDisc DTEF

Type: 72628

Norm: EN [DIN]

Housing material: Stainless steel, PTFE lined

Material quality: 1.4301 with PTFE + 25% glass lining

Connection: Wafer type

Face to Face norm: EN 558, Series 52

With spring: Yes

Maximum medium temperature (continuous): 160 °C

Maximum pressure difference at 20 °C: 10 bar

Application

- General industry.
- Chemical industry.
- Food industry.
- Corrosive liquids and gases.
- Suitable for horizontal and vertical (rising flow) mounting.
- Recommended in: Chemical

Technical Information

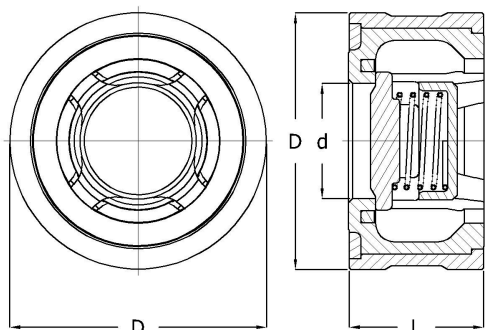
- Mounting between EN [DIN] flanges.
- Face to Face length: EN 558, Series 52.
- Testing: EN 12266-1.
- Leakage Class EN 12266-1: with PTFE or TFM seal Class D, with EPDM, NBR or FKM seal Class A.
- PTFE material is suitable for foodstuffs (FDA, EC1935/2004).
- Information on opening pressures on request.

Options

- Available with soft seal: EPDM, NBR, FKM or PTFE.
- Available in larger sizes.
- Available with Class 150 flanges.
- Calculation of the correct size based on process flow data.

Size table:

DN	d mm	D mm	L mm	Weight kg
DN15	15	51	25	0.1
DN20	20	61	31.5	0.3
DN25	25	71	35.5	0.4
DN32	32	82	40	0.55
DN40	40	92	45	0.8
DN50	50	107	56	1.3
DN65	65	127	63	2.5
DN80	80	142	71	3.6
DN100	100	162	80	3.6



Nominal inner diameter	Standard connection	Pressure rating	Face to Face length mm	Valve shape	Kv value m³/h	Sealing	Material disc	Spring material	Minimum medium temperature (continuous) °C	Article
DN15	EN (DIN)	PN10	25	Disc	3.9	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	10050438
DN20	EN (DIN)	PN10	31.5	Disc	5.7	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	10050439
DN25	EN (DIN)	PN10	35.5	Disc	11.1	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	10050440
DN32	EN (DIN)	PN10	40	Disc	21.2	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	11037301
DN40	EN (DIN)	PN10	45	Disc	21.6	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	10050441
DN50	EN (DIN)	PN10	56	Disc	41.73	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	10050442
DN65	EN (DIN)	PN10	63	Disc	70.5	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	11037305
DN80	EN (DIN)	PN10	71	Disc	91.33	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	11033536
DN100	EN (DIN)	PN10	80	Disc	128.2	PTFE	PTFE +25% glass fiber	Hastelloy C4, PFA sheathed	-10	11025265

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