



CHEMVALVE-SCHMID Wafer type check valve Series: PrimeDisc S CSD/CVD Type: 72616 Low zinc bronze Wafer type PN16

Bronze wafer type check valve with disc and spring, pressure class PN16.

Characteristics

Series: PrimeDisc S CSD/CVD

Type: 72616

Norm: EN [DIN]

Housing material: Low zinc bronze

Material quality: CuSn10Zn [RG10]

Connection: Wafer type

Face to Face norm: EN 558, Series 49

With spring: Yes

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 250 °C

Maximum pressure difference at 20 °C: 40 bar

Application

- General industry.
- On board ships (maritime).
- Utility applications (HVAC).
- Neutral liquids and gases.
- Hot or cold [sea] water, etc.
- Suitable for horizontal and vertical (rising flow) mounting.
- Recommended in: Utilities

Technical Information

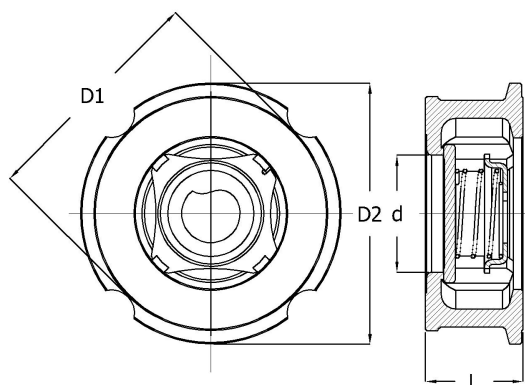
- Material CC480K contains max. 0.5% Zinc and was previously called zinc-free.
- Body material of non-return valves DN125 and larger is CuSn10Zn [RG10].
- Mounting between flanges up to DN125 in PN10, 16, 25 or PN40 and DN150: PN10 or PN16.
- Face to Face length: EN 558, Series 49.
- Testing: EN 12266-1.
- Leakage class EN 12266-1: with metal or PTFE seal class D, and with EPDM, NBR or FKM seal class A.

Options

- Available in steel; type 72617.
- Available in stainless steel; type 72619.
- Available in special materials such as Duplex, Titanium or Hastelloy.
- Available with soft seal: EPDM, NBR, FKM or PTFE.
- Available in larger sizes.
- Available for other flange pressure classes.
- Available with a different opening pressure.
- Calculation of the correct size based on process flow data.

Size table:

DN	d mm	D1 mm	D2 mm	L mm	Weight kg
DN15	15	43	50	16	0.1
DN20	20	53	63	19	0.2
DN25	25	60	70	22	0.3
DN32	32	75	81	28	0.5
DN40	39	86	91	31.5	0.7
DN50	48	96	105	40	1.1
DN65	62	116	126	46	1.6
DN80	72	133	148	50	3
DN100	89	154	164	60	3.5
DN125	125	192		90	10
DN150	150	218		106	14



Nominal inner diameter	Standard connection	Pressure rating	Pressure rating flange	Face to Face length mm	Valve shape	Kv value m³/h	Sealing	Material disc	Spring material	Article
DN15	EN (DIN)	PN16	PN10/16/25/40	16	Disc	4	Stainless steel	1.4404	1.4401	10050372
DN20	EN (DIN)	PN16	PN10/16/25/40	19	Disc	7	Stainless steel	1.4404	1.4401	10050373
DN25	EN (DIN)	PN16	PN10/16/25/40	22	Disc	12	Stainless steel	1.4404	1.4401	10050374
DN32	EN (DIN)	PN16	PN10/16/25/40	28	Disc	19	Stainless steel	1.4404	1.4401	10050375
DN40	EN (DIN)	PN16	PN10/16/25/40	31.5	Disc	27	Stainless steel	1.4404	1.4401	10050376
DN50	EN (DIN)	PN16	PN10/16/25/40	40	Disc	45	Stainless steel	1.4404	1.4401	10050377
DN65	EN (DIN)	PN16	PN10/16	46	Disc	68	Stainless steel	1.4404	1.4401	10050378
DN80	EN (DIN)	PN16	PN10/16/25/40	50	Disc	88	Stainless steel	1.4404	1.4401	10050379
DN100	EN (DIN)	PN16	PN10/16	60	Disc	133	Stainless steel	1.4404	1.4401	10050380
DN125	EN (DIN)	PN16	PN10/16	90	Disc	180	Stainless steel	1.4408	1.4401	10050381
DN150	EN (DIN)	PN16	PN10/16	106	Disc	270	Stainless steel	1.4408	1.4401	10050382

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