



CHEMVALVE-SCHMID Wafer type check valve Series: PrimeDisc S CSD/CVD Type: 72619 Stainless steel Wafer type PN40

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

Characteristics

Series: PrimeDisc S CSD/CVD

Type: 72619

Norm: EN (DIN)

Housing material: Stainless steel duplex [1.4462]

Material quality: 1.4408

Connection: Wafer type

Face to Face norm: EN 558, Series 49

With spring: Yes

Application

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

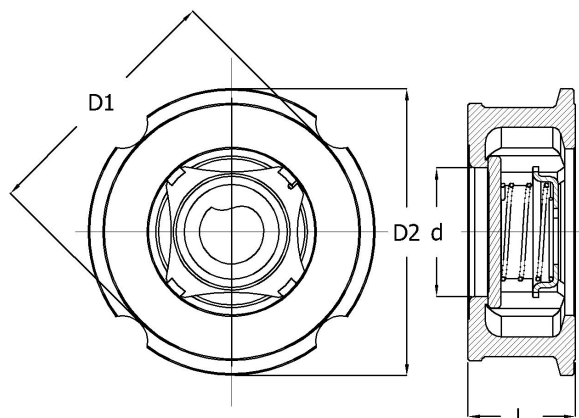
Technical Information

- Mounting between flanges up to DN100: PN10, 16, 25, 40, Class 150 or Class 300, DN125 and above: varies by size.
- In certain size/pressure class combinations provided with a centering ring.
- 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.
- Information on opening pressures on request.

Options

- Available in steel; type 72617.
- Available in bronze; type 72616.
- Available with streamline disc; type 632 [Face to Face length EN 558, series 52 instead of series 49].
- 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 in higher pressure class; type 8570 [Face to Face length EN 558, series 52 instead of series 49].
- 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 - 1/2"	15	44	51	16	0.1
DN20 - 3/4"	20	54	61	19	0.2
DN25 - 1"	25	63.5	71	22	0.3
DN32 - 1.1/4"	32	73	79.5	28	0.5
DN40 - 1.1/2"	39	82.5	92	31.5	0.7
DN50 - 2"	48	96	107	40	1.1
DN65 - 2.1/2"	62	116	127	46	1.6
DN80 - 3"	72.5	132	142	50	3
DN100 - 4"	89	152	162	60	3.5
DN125 - 5"	125	212		90	14
DN125 - 5"	125	192		90	10
DN150 - 6"	150	247		106	14
DN150 - 6"	150	218		106	14
DN150 - 6"	150	226		106	14
DN200 - 8"	200	304		140	24
DN200 - 8"	200	273		140	24
DN200 - 8"	200	283		140	24
DN200 - 8"	200	290		140	24

Centering ring					
Pressure rating flange			Size		
	DN125	DN150	DN200	DN250	DN300
PN25			X	X	X
PN40			X	X	X
Class 150				X	X
Class 300	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 mm	Valve shape	Kv value m³/h	Sealing	Material disc	Spring material	Article
DN15 - 1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	16	Valve plate	4	EPDM	1.4404	1.4401	14667313
DN15 - 1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	16	Valve plate	4	FPM [FKM]	1.4404	1.4401	14046539
DN15 - 1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	16	Valve plate	4	PTFE	1.4404	1.4401	13677011
DN15 - 1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	16	Valve plate	4	PTFE	1.4404	1.4401	12688381

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Nominal inner diameter	Standard connection	Pressure rating	Pressure rating flange	Face to Face length	Valve shape	Kv value	Sealing	Material disc	Spring material	Article
				mm		m ³ /h				
DN15 - 1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	16	Valve plate	4	Stainless steel	1.4404	1.4401	11323713
DN20 - 3/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	19	Valve plate	7	EPDM	1.4404	1.4401	14046540
DN20 - 3/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	19	Valve plate	7	FPM (FKM)	1.4404	1.4401	11287340
DN20 - 3/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	19	Valve plate	7	PTFE	1.4404	1.4401	14046549
DN20 - 3/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	19	Valve plate	7	Stainless steel	1.4404	1.4401	11323714
DN25 - 1"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	22	Valve plate	12	EPDM	1.4404	1.4401	11032634
DN25 - 1"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	22	Valve plate	12	FPM (FKM)	1.4404	1.4401	11461553
DN25 - 1"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	22	Valve plate	12	PTFE	1.4404	1.4401	12140314
DN25 - 1"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	22	Valve plate	12	Stainless steel	1.4404	1.4401	11323715
DN32 - 1.1/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	28	Valve plate	19	EPDM	1.4404	1.4401	14046541
DN32 - 1.1/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	28	Valve plate	19	FPM (FKM)	1.4404	1.4401	12578130
DN32 - 1.1/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	28	Valve plate	19	PTFE	1.4404	1.4401	14046551
DN32 - 1.1/4"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	28	Valve plate	19	Stainless steel	1.4404	1.4401	11323716
DN40 - 1.1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	31.5	Valve plate	27	FPM (FKM)	1.4404	1.4401	11387668
DN40 - 1.1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	31.5	Valve plate	27	Stainless steel	1.4404	1.4401	11323717
DN50 - 2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	40	Valve plate	45	EPDM	1.4404	1.4401	11091200
DN50 - 2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	40	Valve plate	45	FPM (FKM)	1.4404	1.4401	11043437
DN50 - 2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	40	Valve plate	45	PTFE	1.4404	1.4401	14419163
DN50 - 2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	40	Valve plate	45	Stainless steel	1.4404	1.4401	11323718
DN65 - 2.1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	46	Valve plate	68	EPDM	1.4404	1.4401	12951167
DN65 - 2.1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	46	Valve plate	68	FPM (FKM)	1.4404	1.4401	12589618
DN65 - 2.1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	46	Valve plate	68	PTFE	1.4404	1.4401	12577767
DN65 - 2.1/2"	EN [DIN]/ASME	PN40	PN10/16/25/40 and Class 150/300	46	Valve plate	68	Stainless steel	1.4404	1.4401	11323719

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Nominal inner diameter	Standard connection	Pressure rating	Pressure rating flange	Face to Face length	Valve shape	Kv value	Sealing	Material disc	Spring material	Article
				mm		m³/h				
DN80 - 3"	EN (DIN)/ASME	PN40	PN10/16/25/40 and Class 150/300	50	Valve plate	88	FPM (FKM)	1.4404	1.4401	11465270
DN80 - 3"	EN (DIN)/ASME	PN40	PN10/16/25/40 and Class 150/300	50	Valve plate	88	Stainless steel	1.4404	1.4401	11323720
DN100 - 4"	EN (DIN)/ASME	PN40	PN10/16/25/40 and Class 150/300	60	Valve plate	133	EPDM	1.4404	1.4401	14046542
DN100 - 4"	EN (DIN)/ASME	PN40	PN10/16/25/40 and Class 150/300	60	Valve plate	133	FPM (FKM)	1.4404	1.4401	12638324
DN100 - 4"	EN (DIN)/ASME	PN40	PN10/16/25/40 and Class 150/300	60	Valve plate	133	Stainless steel	1.4404	1.4401	11323721
DN125 - 5"	ASME	PN40	Class 300	90	Valve plate	180	EPDM	1.4408	1.4401	14046543
DN125 - 5"	ASME	PN40	Class 300	90	Valve plate	180	PTFE	1.4408	1.4401	14046552
DN125 - 5"	ASME	PN40	Class 300	90	Valve plate	180	Stainless steel	1.4408	1.4401	14046534
DN125 - 5"	EN (DIN)/ASME	PN40	PN10/16/25/40 and Class 150	90	Valve plate	180	PTFE	1.4408	1.4401	14046553
DN125 - 5"	EN (DIN)/ASME	PN40	PN10/16/25/40 and Class 150	90	Valve plate	180	Stainless steel	1.4408	1.4401	10050417
DN150 - 6"	ASME	PN40	Class 300	106	Valve plate	270	EPDM	1.4408	1.4401	14046544
DN150 - 6"	ASME	PN40	Class 300	106	Valve plate	270	PTFE	1.4408	1.4401	14046554
DN150 - 6"	ASME	PN40	Class 300	106	Valve plate	270	Stainless steel	1.4408	1.4401	14046535
DN150 - 6"	EN (DIN)/ASME	PN40	PN10/16 and Class 150	106	Valve plate	270	PTFE	1.4408	1.4401	14046555
DN150 - 6"	EN (DIN)/ASME	PN40	PN10/16 and Class 150	106	Valve plate	270	Stainless steel	1.4408	1.4401	10050418
DN150 - 6"	EN (DIN)	PN40	PN25/40	106	Valve plate	270	EPDM	1.4408	1.4401	14046545
DN150 - 6"	EN (DIN)	PN40	PN25/40	106	Valve plate	270	Stainless steel	1.4408	1.4401	14046536
DN200 - 8"	ASME	PN40	Class 300	140	Valve plate	450	EPDM	1.4408	1.4401	14046546
DN200 - 8"	ASME	PN40	Class 300	140	Valve plate	450	PTFE	1.4408	1.4401	14046556
DN200 - 8"	ASME	PN40	Class 300	140	Valve plate	450	Stainless steel	1.4408	1.4401	14046537
DN200 - 8"	EN (DIN)/ASME	PN40	PN10/16 and Class 150	140	Valve plate	450	EPDM	1.4408	1.4401	13511419
DN200 - 8"	EN (DIN)/ASME	PN40	PN10/16 and Class 150	140	Valve plate	450	Stainless steel	1.4408	1.4401	10050419
DN200 - 8"	EN (DIN)	PN40	PN25	140	Valve plate	450	EPDM	1.4408	1.4401	14046547
DN200 - 8"	EN (DIN)	PN40	PN25	140	Valve plate	450	PTFE	1.4408	1.4401	14046557
DN200 - 8"	EN (DIN)	PN40	PN25	140	Valve plate	450	Stainless steel	1.4408	1.4401	14046538
DN200 - 8"	EN (DIN)	PN40	PN40	140	Valve plate	450	EPDM	1.4408	1.4401	14046548
DN200 - 8"	EN (DIN)	PN40	PN40	140	Valve plate	450	PTFE	1.4408	1.4401	14046558
DN200 - 8"	EN (DIN)	PN40	PN40	140	Valve plate	450	Stainless steel	1.4408	1.4401	14437078

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