

Disk Check Valve PN 40
DN 15 - 200 (1/2" - 8")
Stainless Steel Construction**Fig. VR-316****WAFER****Face to face dimensions****EN 558-1 Series 49**

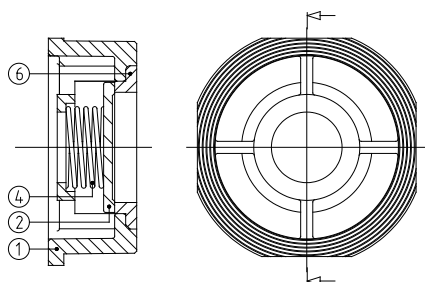
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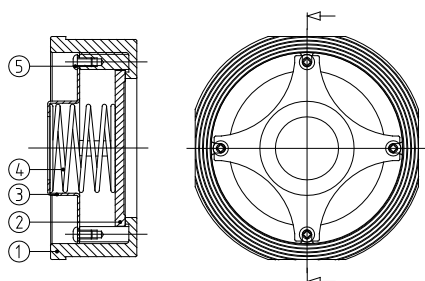
Parts and materials, Dimensions

Parts and materials

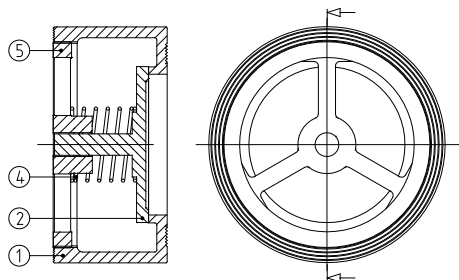
DN 15 to DN 50



DN 65 to DN 100

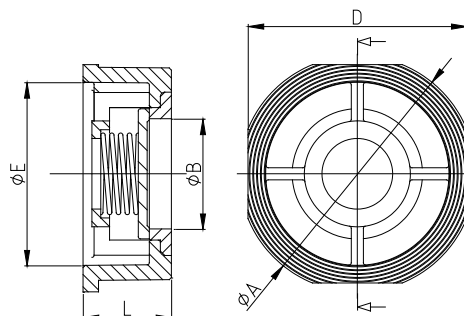


DN 125 & DN 200

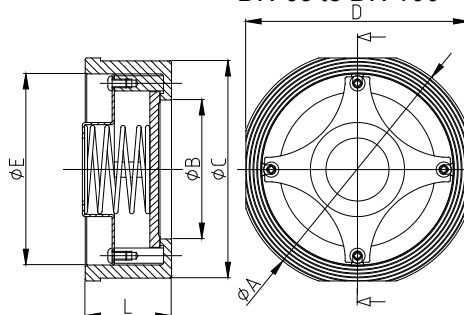


Dimensions

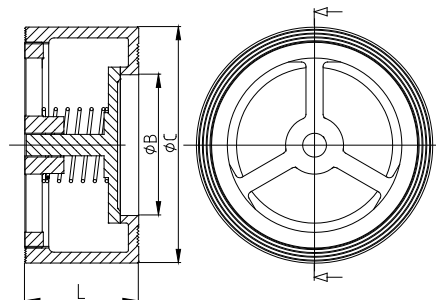
DN 15 to DN 50



DN 65 to DN 100



DN 125 & DN 200



Item	Descr.	Material DN15-DN100	Material DN125-DN200
1	Body	1.4408	1.4408
2	Disc	AISI 316	1.4408
3	Cap	AISI 316	1.4408
4	Spring	AISI 316	AISI 316
5	Screw	AISI 316	
6	Insert	1.4408	

DN	ØA	ØB	ØC	D	E	L	WEIGHT	ASSEM. BET. FL. ANSI-150
15 (1/2")	53	15	41	45	34	16	0,1	OK
20 (3/4")	63	20	46	55	37	19	0,16	OK
25 (1")	73	25	56	65	46	22	0,28	OK
32 (1 1/4")	84	32	74	78	63	28	0,52	--
40 (1 1/2")	94	38	86	89	76	31,5	0,7	NO
50 (2")	107	50	96	98	83	40	1,1	OK
65 (2 1/2")	126	62	115	118	103	46	1,58	OK
80 (3")	144	77	131	134	117	50	1,76	OK
100 (4")	162	96	150	154	132	60	3,3	OK
125 (5")	---	105	190	---	---	90	10	OK
150 (6")	---	130	218	---	---	106	13	OK
200 (8")	---	170	273	---	---	140	24	OK

Note:

Dimensions not subject to International Standards can vary in $\pm 10\%$.
ICP reserves the right to change those dimensions without notice, due to they do not affect integrity and performance of the valves.

(*) Dimensions in mm and weight in kg.

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Authorized Distributor

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Opening Pressure, Kv, P&T Rating

Opening pressure in mbar

VALVE SIZE	Direction of the fluid			VALVE SIZE	Direction of the fluid		
	↑	↓	→		↑	↓	→
DN 15 (1/2")	25	21	23	DN 65 (1 1/2")	31	21	25
DN 20 (3/4")	25	21	23	DN 80 (3")	32	21	26
DN 25 (1")	25	21	23	DN 100 (4")	33	21	27
DN 32 (1 1/4")	27	21	24	DN 125 (5")	35	11	23
DN 40 (1 1/2")	29	21	25	DN 150 (6")	39	12	25
DN 50 (2")	29	21	25	DN 200 (8")	41	12	27,5

Kv Values in m3/h

VALVE SIZE	Kv	VALVE SIZE	Kv
DN 15	8	DN 65	91
DN 20	21	DN 80	134
DN 25	30	DN 100	238
DN 32	42	DN 125	376
DN 40	50	DN 150	541
DN 50	61	DN200	964

Pressure-Temperature

P Bar

