

ARI-CHECKO®-D 001

Disc check valve in clamping version (Stainless steel)



Your valve made by ARI®
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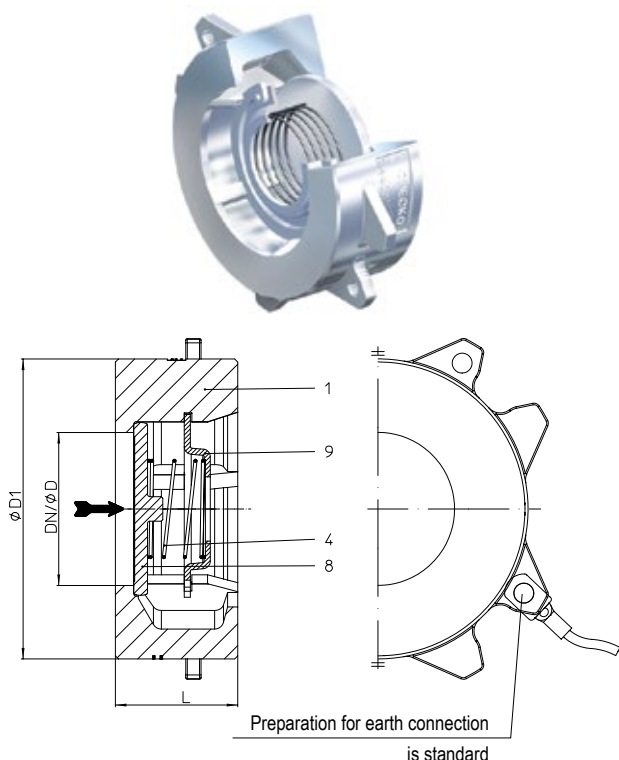


Figure	Nominal pressure	Material	Nominal diameter
55.001	PN40	1.4408	DN15-100

Set pressure 0,02 barg.

The operating point of the valve cannot be chosen in the unstable region!

Shut off class valve plate

standard:	metallic sealing Leakage rate BN2/BO3 acc. to DIN 3230-3 (Leakage rate D acc. to DIN EN 12266-1 fulfilled)
optional:	- EPDM-soft sealing (max. 120°C) Leakage rate A acc. to DIN EN 12266-1 - NBR-soft sealing (max. 80°C) Leakage rate A acc. to DIN EN 12266-1 - FPM (Viton)-soft sealing (max. 150°C) Leakage rate A acc. to DIN EN 12266-1 (not for hot water useable)

Parts

Pos.	Sp.p.	Description	Fig. 55.001
1		Body	GX5CrNiMo19-11-2, 1.4408
4		Spring	X10CrNi18-8, 1.4310
8	x	Valve plate	X6CrNiMoTi17-12-2, 1.4571
9		Spring plate	X6CrNiMoTi17-12-2, 1.4571
L Spare parts			

DN		15	20	25	32	40	50	65	80	100	
Face-to-face dimension FTF series 49 acc. to DIN EN 558											
L	(mm)	16	19	22	28	31,5	40	46	50	60	
Dimensions											
ØD (acc. to DIN EN 14341)	(mm)	13	19	25	31	38	50	63	76	100	
ØD1	(mm)	45	55	65	75	85	98	118	134	154	
Kvs-value	(m³/h)	4,4	7,1	12	19,5	25	46	69	87	122	
Zeta-value	--	4,18	5	4,33	4,4	6,54	4,72	6	8,64	10,73	
Zeta-value ... range of tolerance for Kvs-values acc. to VDI/VDE 2173											
Weights											
55.001	(kg)	0,16	0,28	0,43	0,68	0,94	1,36	2,0	2,8	3,7	
Standard-flange dimensions											
PN6	ØD	(mm)	80	90	100	120	130	140	160	190	210
	ØK	(mm)	55	65	75	90	100	110	130	150	170
	n x Ød	(mm)	4x11	4x11	4x11	4x14	4x14	4x14	4x14	4x18	4x18
PN16	ØD	(mm)	95	105	115	140	150	165	185	200	220
	ØK	(mm)	65	75	85	100	110	125	145	160	180
	n x Ød	(mm)	4x14	4x14	4x14	4x18	4x18	4x18	4x18 ¹⁾	8x18	8x18
PN25	ØD	(mm)	95	105	115	140	150	165	185	200	235
	ØK	(mm)	65	75	85	100	110	125	145	160	190
	n x Ød	(mm)	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x22
PN40	ØD	(mm)	95	105	115	140	150	165	185	200	235
	ØK	(mm)	65	75	85	100	110	125	145	160	190
	n x Ød	(mm)	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x22

Pressure-temperature-ratings				Intermediate values for max. permissible operational pressures can be determined by linear interpolation of the given temperature / pressure chart.							
acc. to DIN EN 1092-1			-60°C to <-10°C ¹⁾	-10°C to 100°C	150°C	200°C	250°C	300°C	350°C	400°C	450°C
1.4408	16	(bar)	16	16	14,5	13,4	12,7	11,8	11,4	10,9	--
1.4408	25	(bar)	25	25	22,7	21	19,8	18,5	17,8	17,1	--
1.4408	40	(bar)	40	40	36,3	33,7	31,8	29,7	28,5	27,4	--

¹⁾ Studs and nuts made of A4-70 (at temperatures below -10°C)



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