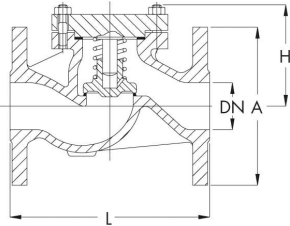


Fig. 95 Check valve



econ®



Cast steel Econ® lift type check valves with stainless steel disc and seat, spring loaded disc, pressure rating PN 40, straight and angle pattern with bolted bonnet, flanged acc. to DIN PN 40.

Suitable for horizontal and vertical (upward flow) installation.

Application: general industrial use.

Application: cold and hot water, air, gases, steam, ammonia, thermal oil etc.

Features

- Connections: Flange
- Valve shape: Disc
- Body material: Steel
- Standard face to face length: EN 558, Serie 1
- Spring material: 1.4310
- Flange compression stage: PN 40
- Pressure rating: PN 40
- Sealing: Metal
- Material quality: 1.0619
- Material cover gasket: Graphite
- Standard: DIN
- Construction type: Straight

Pressure and Temp Range

	-10/20°C	100°	150°	200°C	250°C	300°C	350°C	400°C	450°C	
PN40	40	37,3	34,7	30,2	28,4	25,8	24	23,1	22,2	[bar]

Dimensions

DN [mm]	A	L	L1	H	H1	Weight [kg]	Minimum opening pressure [bar]	KVs value
15	95	130	90	70	40	3,8	0,1	5,7
20	105	150	95	70	35	4,9	0,1	7,8
25	115	160	100	80	45	5,9	0,1	12
32	140	180	105	80	45	7,1	0,1	18
40	150	200	115	85	55	10,4	0,1	27,5
50	165	230	125	95	60	12,3	0,1	48
65	185	290	145	110	65	22,7	0,1	78
80	200	310	155	130	95	28,5	0,1	109
100	235	350	175	155	105	40	0,1	168
125	270	400	200	165	120	64	0,1	265
150	300	480	225	215	150	90	0,1	389

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Fig. 95 Check valve

DN [mm]	A	L	L1	H	H1	Weight [kg]	Minimum opening pressure [bar]	KVs value
200	375	600	275	285	195	170	0,1	667
250	450	730	325	325	220	240	0,1	1053
300	515	850	375	365	240	374	0,1	1504
350	580	980	425	420	300	508	0,1	2042
400	660	1100	475	430	310	786	0,1	2725
500	755	1350	525	530	380	1044	0,1	4167

Order Information

Stock	Article No.	Order code	DN	Face to face length [mm]	Material cover	Disc material
S	EC000950015CRRM	114770	DN 15	130	1.0460	1.4021
S	EC000950020CRRM	114771	DN 20	150	1.0460	1.4021
S	EC000950025CRRM	114772	DN 25	160	1.0460	1.4021
S	EC000950032CRRM	114775	DN 32	180	1.0460	1.4021
S	EC000950040CRRM	114776	DN 40	200	1.0460	1.4021
S	EC000950050CRRM	114778	DN 50	230	1.0460	1.4021
S	EC000950065CRRM	114779	DN 65	290	1.0460	1.4021
S	EC000950080CRRM	114780	DN 80	310	1.0460	1.4021
	EC000950100CRRM	114781	DN 100	350	1.0619+N	1.4021
	EC000950125CRRM	114782	DN 125	400	1.0619+N	1.4021
	EC000950150CRRM	114783	DN 150	480	1.0619+N	1.4021
	EC000950200CRRM	114784	DN 200	600	1.0619+N	1.4021
	EC000950250CRRM	114785	DN 250	730	1.0619+N	1.4551
	EC000950300CRRM	291413	DN 300	850	1.0619+N	1.4551

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