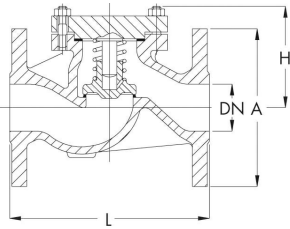


Fig. 97 Check valve



econ®



Full stainless steel Econ® lift type check valves with spring loaded disc, pressure rating PN 16/40, straight pattern, flanged sizes acc. to DIN PN 16/40 and bolted bonnet.

Suitable for horizontal and vertical (upward flow) installation.

Application area: steam, water, oil, gas and corrosive media.

Features

- Connections: Flange
- Valve shape: Disc
- Body material: Stainless steel
- Material cover: 1.4571
- Seat material: 1.4408
- Spring material: 1.4310
- Construction type: Straight
- Pressure rating: PN 16
- Sealing: Metal
- Standard face to face length: EN 558, Serie 1
- Disc material: 1.4571
- Material cover gasket: Graphite
- Standard: DIN

Pressure and Temp Range

	-60/19°C	20°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C	
PN 40 (DN15-50)	18,2	36,4	31,1	28,1	25,8	24	22,6	21,3	20,4]	[bar]
PN 16 (DN65-200)	7,3	14,6	12,4	11,2	10,3	9,6	9	8,5	8,2	[bar]

Dimensions

DN	A	L	H	Weight	Minimum opening pressure	KVs value
[mm]				[kg]	[bar]	
15	95	130	70	3,8	0,1	5,7
20	105	150	70	4,9	0,1	7,8
25	115	160	80	5,9	0,1	12
32	140	180	80	7,1	0,1	18
40	150	200	85	10	0,1	27,5
50	165	230	95	12	0,1	48
65	185	290	110	22,5	0,1	78
80	200	310	130	28,5	0,1	109
100	220	350	155	38	0,1	168
125	250	400	165	61	0,1	265
150	285	480	215	87	0,1	389
200	340	600	285	154	0,1	667

Order Information

Stock	Article No.	Order code	DN	Material quality	Face to face length [mm]	Flange compression stage
S	EC000970015RR1M	114798	DN 15	1.4408	130	PN 40
	EC000970020RR1M	114799	DN 20	1.4408	150	PN 40
S	EC000970025RR1M	114800	DN 25	1.4408	160	PN 40
S	EC000970032RR1M	114801	DN 32	1.4401	180	PN 40
S	EC000970040RR1M	114802	DN 40	1.4408	200	PN 40

This product information sheet has been formulated with the greatest care, but no rights can be derived from it. Subject to change.

Fig. 97

Check valve

Stock	Article No.	Order code	DN	Material quality	Face to face length [mm]	Flange compression stage
S	EC000970050RR1M	114803	DN 50	1.4408	230	PN 40
	EC000970065RR1M	114806	DN 65	1.4408	290	PN 40
	EC000970080RR1L	114807	DN 80	1.4408	310	PN 16
	EC000970100RR1L	114808	DN 100	1.4408	350	PN 16