

ECON® Check valve Type: 95 Steel Flange PN40

Cast steel check valve, piston type, with bolted cover and flanged ends, pressure class PN40.



Characteristics

Type: 95
Norm: EN (DIN)
Construction type: Straight
Housing material: Steel
Material quality: 1.0619+N
Surface protection: Standard manufacturers coating
Connection: Flange
Flange finish: Raised face
Face to Face norm: EN 558, Series 1
With spring: Yes
Minimum medium temperature (continuous): -10 °C
Maximum medium temperature (continuous): 450 °C
Maximum pressure difference at 20 °C: 40 bar



Application

- General Industry.
- Neutral liquids.
- Steam, hot or cold water, oil, etc.
- Suitable for horizontal and vertical (rising flow) mounting.

Technical Information

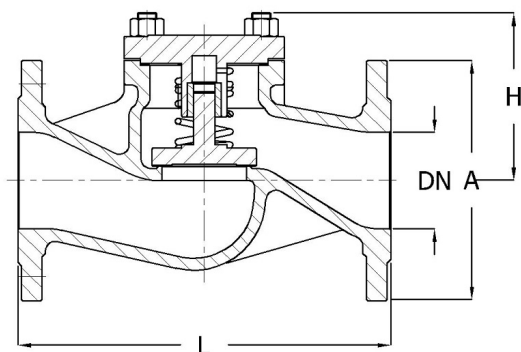
- Design: EN 16767.
- Testing: EN 12266-1.
- Opening pressure: 0,1 bar.
- Leakage rate: EN 12266-1, class C.

Options

- Available in stainless steel; type 97.
- Calculation of the correct size based on process flow data.

Size table:

DN	A	H	L	Weight
	mm	mm	mm	kg
DN15	95	78	130	3.4
DN20	105	82	150	4.2
DN25	115	91	160	5.5
DN32	140	95	180	6.9
DN40	150	101	200	8.7
DN50	165	109	230	11.6
DN65	185	119	290	18.7
DN80	200	139	310	24.6
DN100	235	155	350	39
DN125	270	192	400	55.9
DN150	300	220	480	84.4
DN200	375	303	600	152.4
DN250	450	346	730	251.8



Pressure and temperature range

Pressure class	-10/20°C	100°C	150°C	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

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Non-return Valves | Non-return Valves with Flange Connection

Nominal inner diameter	Pressure rating	Face to Face length	Valve shape	Kv value	Sealing	Material disc	Material cover	Material cover gasket	Spring material	Article
		mm		m ³ /h						
DN15	PN40	130	Flap	4.5	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280654
DN20	PN40	150	Flap	6.5	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280655
DN25	PN40	160	Flap	11	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280656
DN32	PN40	180	Flap	16.5	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280657
DN40	PN40	200	Flap	25	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280658
DN50	PN40	230	Flap	40	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280659
DN65	PN40	290	Flap	68	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280660
DN80	PN40	310	Flap	100	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280661
DN100	PN40	350	Flap	170	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280662
DN125	PN40	400	Flap	270	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280663
DN150	PN40	480	Flap	388	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280664
DN200	PN40	600	Flap	684	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280665
DN250	PN40	730	Flap	1010	Stainless steel	1.4021	1.0619+N	Graphite	1.4310	14280666

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