

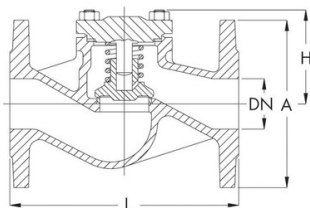
ECON® Check valve Type: 101 Cast iron Flange PN16

Cast iron check valve, piston type, bronze internals with bolted cover and flanged ends, pressure class PN16.



Characteristics

- Type:** 101
- Norm:** EN (DIN)
- Construction type:** Straight
- Housing material:** Cast iron
- Material quality:** EN-JL1040
- Surface protection:** Standard manufacturers coating
- Connection:** Flange
- Flange finish:** Raised face
- Face to Face norm:** EN 558, Series 1
- With spring:** Yes
- Spring material:** CuSn6
- Minimum medium temperature (continuous):** -10 °C
- Maximum medium temperature (continuous):** 225 °C
- Maximum pressure difference at 20 °C:** 16 bar



Application

- General Industry.
- On board ships (maritime).
- Neutral liquids.
- Seawater, hot or cold water, oil, etc.
- Suitable for horizontal and vertical (rising flow) mounting.

Technical Information

- Design: EN 12334.
- Testing: EN 12266-1 rate C.

Options

- Available in angle pattern; type 102.
- Available with stainless steel internals; type 77.

DN mm	A mm	L mm	H mm	Weight [kg]	Kv-value [m ³ /h]	Opening pressure [bar]
15	95	130	56	2,1	5,6	0,05 - 0,1
20	105	150	56	2,7	7,2	0,05 - 0,1
25	115	160	67	3,8	13,1	0,05 - 0,1
32	140	180	76	5,5	17,5	0,05 - 0,1
40	150	200	89	7,4	30	0,05 - 0,1
50	165	230	96	9,5	40,5	0,05 - 0,1
65	185	290	104	15	79	0,05 - 0,1
80	200	310	124	20	115	0,05 - 0,1
100	220	350	161	29	181	0,05 - 0,1
125	250	400	174	41	225	0,05 - 0,1
150	285	480	197	66	364	0,05 - 0,1
200	340	600	248	111	690	0,05 - 0,1
250	405	730	333	196	1010	0,05 - 0,1
300	460	800	375	302	--	0,05 - 0,1

	-10/120°C	150°C	180°C	200°C	225°C	
PN16	16	14,4	13,4	12,8	12	[bar]

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	Kv value m ³ /h	Sealing	Material disc	Material cover	Material cover gasket	Material shaft	Article
DN20	PN16	150	Flap	7.2	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	EC001010020-GBZL

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

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	Kv value m ³ /h	Sealing	Material disc	Material cover	Material cover gasket	Material shaft	Article
DN50	PN16	230	Flap	40.5	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	EC001010050-GBZL
DN65	PN16	290	Flap	79	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	EC001010065-GBZL
DN80	PN16	310	Flap	115	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	EC001010080-GBZL

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