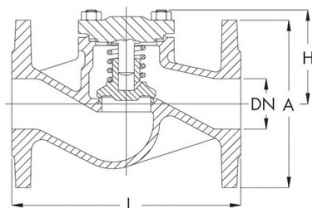


ECON® Check valve Type: 101 Cast iron Flange PN16

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	13374457
DN25	PN16	160	Flap	13.1	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810567

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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	Material shaft	Article
		mm		m ³ /h						
DN32	PN16	180	Flap	17.5	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810568
DN40	PN16	200	Flap	30	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810569
DN50	PN16	230	Flap	40.5	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810570
DN65	PN16	290	Flap	79	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810571
DN80	PN16	310	Flap	115	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810572
DN100	PN16	350	Flap	181	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810573
DN125	PN16	400	Flap	225	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810574
DN150	PN16	480	Flap	364	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	11810575
DN200	PN16	600	Flap	690	Bronze	CuSn10	EN-JL1040	Graphite	CuSn10	13374507

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