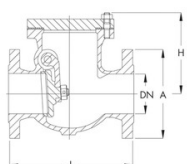


## ECON® Check valve Type: 109 Steel Flange PN16

Cast steel swing type check valve, with stainless steel sealing and flange connection, pressure class PN16.



### Characteristics

- Type:** 109
- 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 48
- Minimum medium temperature (continuous):** -20 °C
- Maximum medium temperature (continuous):** 400 °C
- Maximum pressure difference at 20 °C:** 16 bar

### Application

- General industry.
- Neutral liquids and gases.
- Steam, hot or cold water, oil, etc.

### Technical Information

- Design: EN 13709, EN 10213, EN 1092-1.
- Testing: EN 12266-1 rate C.

### Options

- Pressure class PN40: see type 1109.
- Available with lever and counter weight.
- Other materials, larger sizes and higher pressure classes on request.

DN	Size table			L	Weight kg
	A	H	mm		
50	165	147		200	14
65	185	161		240	19
80	200	178		260	26
100	220	190		300	34
125	250	265		350	46
150	285	285		400	70
200	340	345		500	104
250	405	394		600	190
300	460	420		700	280

Pressure and temperature range										
-10	0	20	100	150	200	250	300	350	400	[°C]
16	16	16	14.9	13.7	12.4	11.4	10.3	9.6	9.2	[bar]

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Material shaft	Material jointed arm	Article
DN65	PN16	240	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13482995
DN80	PN16	260	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13482996
DN150	PN16	400	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13482999

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