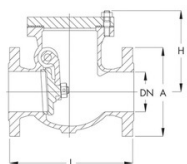


ECON® Check valve Type: 109 Steel Flange PN16

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.

Size table					
DN	A	H	L	Weight	
	mm			kg	
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	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Material shaft	Material jointed arm	Article
		mm								
DN50	PN16	200	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13482994
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
DN100	PN16	300	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13482997
DN125	PN16	350	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13482998
DN150	PN16	400	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13482999
DN200	PN16	500	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13483000

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Nominal inner diameter	Pressure rating	Face to Face length	Valve shape	Sealing	Material disc	Material cover	Material cover gasket	Material shaft	Material jointed arm	Article
		mm								
DN250	PN16	600	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13483001
DN300	PN16	700	Swing type	Stainless steel	1.0619+N	1.0619+N	Graphite	1.4021	1.0619+N	13483002

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