



ECON® Check valve Type: 70NGY Ductile cast iron Flange PN10/16

Characteristics

Type: 70NGY

Norm: EN (DIN)

Construction type: Straight

Housing material: Ductile cast iron

Material quality: EN-JS1020

Surface protection: Standard manufacturers coating

Connection: Flange

Flange finish: Flat face

Face to Face norm: Manufacturer standard

Maximum medium temperature (continuous): 90 °C

DN	A	L	Weight	Opening press.	
mm	mm	mm	[kg]	hor. [mmwk]	vert.
15	95	65	2,1	230	260
20	105	65	2,5	233	263
25	115	70	3	233	263
32	140	75	5	237	270
40	150	80	6	243	291
50	165	85	7	250	290
65	185	105	9	110	160
80	200	125	11	126	186
100	220	145	16	126	186
125	250	170	21	128	186
150	285	200	29	158	308
200	340	255	44	160	--
250	395	310	64	215	--
300	445	360	79	230	--

Size	Press. rating	Max. pressure	Max. temperature
DN 15 - 150	PN 16	16 bar	100°C [re NBR o-ring]
DN 200 - 300	PN 10	10 bar	100°C [re NBR o-ring]

Nominal inner diameter	Pressure rating	Face to Face length	Valve shape	Kv value	Sealing	Material disc	Material cover gasket	Minimum medium temperature (continuous)	Maximum pressure difference at 20 °C	Article
		mm		m³/h				°C	bar	
DN15	PN16	65	Swing type	115	NBR	1.0531	NBR	-10	16	12160575
DN20	PN16	65	Swing type	27	NBR	1.0531	NBR	-10	16	12160576

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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 gasket	Minimum medium temperature (continuous)	Maximum pressure difference at 20 °C	Article
		mm		m³/h				°C	bar	
DN25	PN16	70	Swing type	34	NBR	1.0531	NBR	-10	16	12160577
DN32	PN16	75	Swing type	56	NBR	1.0531	NBR	-10	16	11810405
DN40	PN16	80	Swing type	109	Metal	1.0531	NBR	-10	16	13374489
DN40	PN16	80	Swing type	109	NBR	1.0531	NBR	-10	16	11810408
DN50	PN16	85	Swing type	217	Metal	1.0531	NBR	-10	16	13374484
DN50	PN16	85	Swing type	217	NBR	1.0531	NBR	-10	16	11810411
DN65	PN16	105	Swing type	340	Metal	1.0531	NBR	-10	16	13374488
DN65	PN16	105	Swing type	340	NBR	1.0531	NBR	-10	16	12160578
DN80	PN16	125	Swing type	450	Metal	1.0531	NBR	-10	16	13374500
DN80	PN16	125	Swing type	450	NBR	1.0531	NBR	-10	16	12160579
DN100	PN16	145	Swing type	955	Metal	1.0531	NBR	-10	16	13374486
DN100	PN16	145	Swing type	955	NBR	1.0531	NBR	-10	16	12160580
DN125	PN16	170	Swing type	1285	NBR	1.0531	NBR	-10	16	12160581
DN150	PN16	200	Swing type	1850	NBR	1.0531	NBR	-10	16	11810422
DN200	PN10	255	Swing type	2785	NBR	1.0531	NBR	-10	10	11810425
DN250	PN10	310	Swing type	4465	NBR	1.0531	NBR	-10	10	12160582
DN300	PN10	360	Swing type	5823	NBR	1.0531	NBR	-10	10	12160583
DN200	PN10	255	Swing type	2785	Metal	1.0531	NBR	-10	10	13494415
DN300	PN10	360	Swing type	5823	Metal	1.0531	NBR	-10	10	13494416
DN125	PN16	170	Swing type	1285	Metal	1.0531	NBR	-10	16	13487832
DN150	PN16	200	Swing type	1850	Metal	1.0531	NBR	-10	16	13487833
DN25	PN16	70	Swing type	34	Metal	1.0531	NBR	-10	16	13489576
DN32	PN16	75	Swing type	56	Metal	1.0531	NBR	-10	16	13490616

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