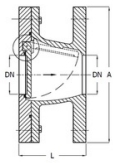

ECON® Check valve Type: 70GY Cast iron Flange PN10/16

Characteristics

Type: 70GY
Norm: EN (DIN)
Construction type: Straight
Housing material: Cast iron
Material quality: EN-JL1040
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 pressure	
				hor.	vert.
	mm	mm	[kg]	mmwk	mmwk
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	Maximum press.	Maximum temp.
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	12160573
DN20	PN16	65	Swing type	27	NBR	1.0531	NBR	-10	16	12160574

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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	11810402
DN32	PN16	75	Swing type	56	NBR	1.0531	NBR	-10	16	11810404
DN40	PN16	80	Swing type	109	NBR	1.0531	NBR	-10	16	11810407
DN50	PN16	85	Swing type	217	NBR	1.0531	NBR	-10	16	11810410
DN65	PN16	105	Swing type	340	NBR	1.0531	NBR	-10	16	11810413
DN80	PN16	125	Swing type	450	NBR	1.0531	NBR	-10	16	11810415
DN100	PN16	145	Swing type	955	NBR	1.0531	NBR	-10	16	11810417
DN125	PN16	170	Swing type	1285	NBR	1.0531	NBR	-10	16	11810419
DN150	PN16	200	Swing type	1850	NBR	1.0531	NBR	-10	16	11810421
DN200	PN10	255	Swing type	2785	NBR	1.0531	NBR	-10	10	11810424
DN250	PN10	310	Swing type	4465	NBR	1.0531	NBR	-10	10	11810427

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