



## 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

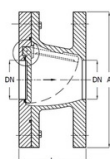
**Surface protection:** Standard manufacturers coating

**Connection:** Flange

**Flange finish:** Flat face

**Face to Face norm:** Manufacturer standard

**Maximum medium temperature (continuous):** 90 °C



DN	A	L	Weight	Opening press.	
				hor.	vert.
mm	mm	mm	[kg]	[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	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	
DN50	PN16	85	Swing type	217	NBR	1.0531	NBR	-10	16	EC00070005-ONP3KD

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## Non-return Valves | Non-return Valves with Flange Connection

Nominal inner diameter	Pressure rating	Face to Face length mm	Valve shape	Kv value m <sup>3</sup> /h	Sealing	Material disc	Material cover gasket	Minimum medium temperature (continuous) °C	Maximum pressure difference at 20 °C bar	Article
DN80	PN16	125	Swing type	450	NBR	1.0531	NBR	-10	16	EC00070008-0NP3KD
DN200	PN10	255	Swing type	2785	NBR	1.0531	NBR	-10	10	EC00070020-0NP3KD

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