



ECON® Globe valve Type: 242 Cast iron Flange PN10/16

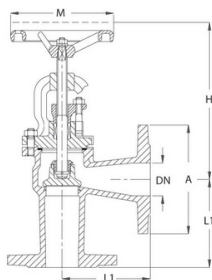
Econ® globe valve, angular, cast iron, with stainless steel interior and flanged connection.

Field of application

- Liquids, gases and steam.

Features

- Also available with regulating disc or regulating disc with position indicator.



Characteristics

- Type:** 242
- Norm:** EN [DIN]
- Construction type:** Angle pattern
- Housing material:** Cast iron
- Surface protection:** Standard manufacturers coating
- Connection:** Flange
- Flange finish:** Raised face
- Stem seal type:** Gland seal
- Material disc:** 1.4021+QT
- Spindle material:** 1.4021
- Primary spindle seal material:** Graphite
- Material bonnet:** EN-JL1040

Characteristics (2)

- Bonnet gasket material:** Stainless steel/graphite
- Actuator material:** Cast iron
- Minimum medium temperature (continuous):** -10 °C
- Maximum medium temperature (continuous):** 300 °C
- Maximum pressure difference at 20 °C:** 16 bar

DN [mm]	A	L1	H1	M	Weight [kg]	Kv-value m3/hr
15	95	90	168	100	3,3	7,2
20	105	95	166	100	3,9	9,2
25	115	100	180	120	5	16
32	140	105	187	120	6,6	22
40	150	115	234	160	8,4	37
50	165	125	236	160	12,8	51
65	185	145	271	180	17,3	98,5
80	200	155	291	200	22,7	143
100	220	175	332	250	35,8	226
125	250	200	387	250	52,8	281
150	285	225	437	320	74,2	455
200	340	275	532	360	126	860
250	405	325	651	360	200	1260
300	460	375	830	500	315	-

	-10/120°C	150°C	180°C	200°C	230°C	250°C	300°C	
PN16	16	14,4	13,4	12,8	11,8	11,2	9,6	[bar]

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Globe Valves | Globe Valves with Flange Connection

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of disc	Type of bonnet	Sealing	Kv value	Article
				mm					m ³ /h	
EN-JL1040	DN15	PN16	EN 558, Series 8	90	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	7.2	EC002420015-FAH3
EN-JL1040	DN25	PN16	EN 558, Series 8	100	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	16	EC002420025-FAH3
EN-JL1040	DN40	PN16	EN 558, Series 8	115	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	37	EC00242004-0FAH3
EN-JL1040	DN65	PN16	EN 558, Series 8	145	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	98.5	EC00242006-5FAH3

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