



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

Operation: Hand wheel, rising with rising stem

Type of bonnet: Bolted bonnet

Stem seal type: Gland seal

Sealing: Stainless steel

Material disc: 1.4021+QT

Characteristics [2]

Spindle material: 1.4021

Primary spindle seal material: Graphite

Material bonnet: EN-JL1040

Bonnet gasket material: Stainless steel/graphite

Actuator material: Cast iron

Minimum medium temperature [continuous]: -10 °C

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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Material quality	Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face norm	Face to Face length mm	Type of disc	Maximum medium temperature (continuous) °C	Maximum pressure difference at 20 °C bar	Kv value m³/h	Article
EN-JL1040	DN15	PN16		EN 558, Series 8	90	Fixed disc	300	16	7.2	11810679
EN-JL1040	DN20	PN16		EN 558, Series 8	95	Fixed disc	300	16	9.2	11810680
EN-JL1040	DN25	PN16		EN 558, Series 8	100	Control disc	300	16	16	13359923
EN-JL1040	DN25	PN16		EN 558, Series 8	100	Fixed disc	300	16	16	11810681
EN-JL1040	DN25	PN16		EN 558, Series 8	100	Screw down non-return disc with spring	300	16	16	13451887
EN-JL1040	DN32	PN16		EN 558, Series 8	105	Fixed disc	300	16	22	11810683
EN-JL1040	DN32	PN16		EN 558, Series 8	105	Screw down non-return disc with spring	350	16	22	13451888
EN-JL1040	DN40	PN16		EN 558, Series 8	115	Fixed disc	300	16	37	11810685
EN-JL1040	DN40	PN16		EN 558, Series 8	115	Screw down non-return disc with spring	300	16	37	13451889
EN-JL1040	DN50	PN16		EN 558, Series 8	125	Fixed disc	300	16	51	11810687
EN-JL1040	DN50	PN16		EN 558, Series 8	125	Screw down non-return disc with spring	300	16	51	13451890
EN-JL1040	DN65	PN16		EN 558, Series 8	145	Fixed disc	300	16	98.5	11810689
EN-JL1040	DN65	PN16	Unbored	EN 558, Series 8	145	Fixed disc	300	16	98.5	13359927
EN-JL1040	DN65	PN16		EN 558, Series 8	145	Screw down non-return disc with spring	300	16	98.5	13451891
EN-JL1040	DN80	PN16		EN 558, Series 8	155	Fixed disc	300	16	143	11810691
EN-JL1040	DN80	PN16		EN 558, Series 8	155	Screw down non-return disc with spring	300	16	143	13451892
EN-JL1040	DN100	PN16		EN 558, Series 8	175	Fixed disc	300	16	235	11810693
EN-JL1040	DN100	PN16		EN 558, Series 8	175	Screw down non-return disc with spring	300	16	235	13451893
EN-JL1040	DN125	PN16		EN 558, Series 8	200	Control disc	300	16	360	13359924
EN-JL1040	DN125	PN16		EN 558, Series 8	200	Fixed disc	300	16	360	11810695
EN-JL1040	DN125	PN16		EN 558, Series 8	200	Screw down non-return disc with spring	300	16	360	13451894
EN-JL1040	DN150	PN16		EN 558, Series 8	225	Fixed disc	300	16	455	12711531
EN-JL1040	DN150	PN16		EN 558, Series 8	225	Screw down non-return disc with spring	300	16	455	13451895
EN-JL1040	DN200	PN10		EN 558, Series 8	275	Screw down non-return disc with spring	300	10	860	13451896
EN-JL1040	DN200	PN16		EN 558, Series 8	275	Balanced valve	300	16	860	13359926

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