



ECON® Globe valve Type: 247 Ductile cast iron PN16

Globe valve, angular, spheroidal graphite iron, with stainless steel interior and flanged connection.

Field of application

- Liquids, gases and steam.

Features

- Approval from various inspection bodies possible.
- Also available with loose disc, regulating disc or regulating disc with position indicator.

Characteristics

Type: 247

Norm: EN (DIN)

Construction type: Straight

Housing material: Ductile cast iron

Surface protection: Standard manufacturers coating

Connection: Flange

Flange finish: Raised face

Stem seal type: Gland seal

Sealing: Stainless steel

Material disc: 1.4021+QT

Spindle material: 1.4021

Characteristics [2]

Primary spindle seal material: Graphite

Material bonnet: EN-JS1025

Bonnet gasket material: Stainless steel/graphite

Actuator material: Cast iron

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 350 °C

DN mm	A mm	L mm	H mm	M mm	Weight [kg]	Kv-value m ³ /h
15	95	130	189	100	3,3	5,9
20	105	150	189	100	3,9	7,4
25	115	160	203	120	5	13
32	140	180	203	120	6,6	18
40	150	200	246	160	8,4	30
50	165	230	254	160	12	41
65	185	290	293	180	17,3	79
80	200	310	322	200	22,7	115
100	220	350	381	250	35,8	181
125	250	400	427	250	52,8	225
150	285	480	521	320	74,2	364
200	340	600	643	360	126	690
250	405	730	780	520	247	1145
300	460	850	890	520	336	1635
350	520	980	976	640	451	2220

	-10/120°C	200°C	250°C	300°C	350°C	
PN16	16	14,7	13,9	12,8	11,2	[bar]

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of disc	Type of bonnet	Maximum pressure difference at 20 °C bar	Kv value m³/h	Article
EN-JS1025	DN15	PN16	EN 558, Series 1	130	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	5.9	11810698
EN-JS1025	DN15	PN16	EN 558, Series 1	130	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	5.9	12035530
EN-JS1025	DN20	PN16	EN 558, Series 1	150	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	7.4	11810699
EN-JS1025	DN20	PN16	EN 558, Series 1	150	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	7.4	12035531
EN-JS1025	DN25	PN16	EN 558, Series 1	160	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	13	11810700
EN-JS1025	DN25	PN16	EN 558, Series 1	160	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	13	11810709
EN-JS1025	DN32	PN16	EN 558, Series 1	180	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	18	11810701
EN-JS1025	DN32	PN16	EN 558, Series 1	180	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	18	11810710
EN-JS1025	DN40	PN16	EN 558, Series 1	200	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	30	11810702
EN-JS1025	DN40	PN16	EN 558, Series 1	200	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	30	11810711
EN-JS1025	DN50	PN16	EN 558, Series 1	230	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	41	11810703
EN-JS1025	DN50	PN16	EN 558, Series 1	230	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	41	11810712
EN-JS1025	DN65	PN16	EN 558, Series 1	290	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	79	11810704
EN-JS1025	DN65	PN16	EN 558, Series 1	290	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	79	11810713
EN-JS1025	DN80	PN16	EN 558, Series 1	310	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	115	11810705
EN-JS1025	DN80	PN16	EN 558, Series 1	310	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	115	11810714
EN-JS1025	DN100	PN16	EN 558, Series 1	350	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	181	11810706
EN-JS1025	DN100	PN16	EN 558, Series 1	350	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	181	11810715
EN-JS1025	DN125	PN16	EN 558, Series 1	400	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	225	11810707
EN-JS1025	DN125	PN16	EN 558, Series 1	400	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	225	12035532

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of disc	Type of bonnet	Maximum pressure difference at 20 °C bar	Kv value m³/h	Article
EN-JS1025	DN150	PN16	EN 558, Series 1	480	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	16	364	11810708
EN-JS1025	DN150	PN16	EN 558, Series 1	480	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	16	364	12035543
EN-JS1025	DN200	PN16	EN 558, Series 1	600	Hand wheel, rising with rising stem	Balanced valve	Bolted bonnet	16	690	13359935
EN-JS1025	DN200	PN16	EN 558, Series 1	600	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	14	690	11035158

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