



## 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

**Material disc:** 1.4021+QT

**Spindle material:** 1.4021

**Primary spindle seal material:** Graphite

**Material bonnet:** EN-JS1025

### Characteristics [2]

**Bonnet gasket material:** Stainless steel/graphite

**Actuator material:** Cast iron

**Minimum medium temperature (continuous):** -10 °C

**Maximum medium temperature (continuous):** 350 °C

**Maximum pressure difference at 20 °C:** 16 bar

DN mm	A mm	L mm	H mm	M mm	Weight [kg]	Kv-value m <sup>3</sup> /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

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

## Globe Valves | Globe Valves with Flange Connection

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

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					m³/h	
EN-JS1025	DN15	PN16	EN 558, Series 1	130	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	5.9	EC002470015-NAH3
EN-JS1025	DN20	PN16	EN 558, Series 1	150	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	7.4	EC002470020-NAH3
EN-JS1025	DN20	PN16	EN 558, Series 1	150	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	Stainless steel	7.4	EC002470020-NKH3
EN-JS1025	DN25	PN16	EN 558, Series 1	160	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	13	EC002470025-NAH3
EN-JS1025	DN25	PN16	EN 558, Series 1	160	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	Stainless steel	13	EC002470025-NKH3
EN-JS1025	DN32	PN16	EN 558, Series 1	180	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	18	EC002470032-NAH3
EN-JS1025	DN32	PN16	EN 558, Series 1	180	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	Stainless steel	18	EC002470032-NKH3
EN-JS1025	DN40	PN16	EN 558, Series 1	200	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	30	EC002470040-NAH3
EN-JS1025	DN40	PN16	EN 558, Series 1	200	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	Stainless steel	30	EC002470040-NKH3
EN-JS1025	DN50	PN16	EN 558, Series 1	230	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	41	EC002470050-NAH3
EN-JS1025	DN50	PN16	EN 558, Series 1	230	Hand wheel, rising with rising stem	Screw down non-return disc with spring	Bolted bonnet	Stainless steel	41	EC002470050-NKH3
EN-JS1025	DN65	PN16	EN 558, Series 1	290	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	79	EC002470065-NAH3
EN-JS1025	DN80	PN16	EN 558, Series 1	310	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	115	EC002470080-NAH3
EN-JS1025	DN100	PN16	EN 558, Series 1	350	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	181	EC002470100-NAH3
EN-JS1025	DN125	PN16	EN 558, Series 1	400	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	225	EC002470125-NAH3
EN-JS1025	DN150	PN16	EN 558, Series 1	480	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Stainless steel	364	EC002470150-NAH3

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.