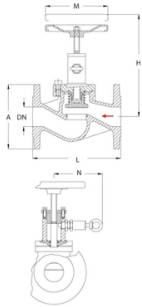


## ECON® SOS Globe valve Type: 100-247 Ductile cast iron Flange PN10/16

Ductile iron quick-closing globe valve, with stainless steel sealing and flange connection, pressure class PN16



### Characteristics

- Type:** 100-247
- Norm:** EN (DIN)
- Construction type:** Straight
- Housing material:** Ductile cast iron
- Surface protection:** Standard manufacturers coating
- Connection:** Flange
- Flange finish:** Raised face
- Spring opening (NO):** No
- Spring closing (NC):** Yes
- Stem seal type:** O-ring
- Material disc:** 1.4021+QT
- Spindle material:** 1.4021
- Primary spindle seal material:** FPM
- Material bonnet:** EN-JS1025
- Bonnet gasket material:** Stainless steel/graphite
- Actuator material:** Cast iron
- Minimum medium temperature (continuous):** -10 °C
- Maximum medium temperature (continuous):** 150 °C

### Technical Information

- Operation by means of mechanical, hydraulic or pneumatic signal.
- After the valve has been activated and closed, it must be manually opened again.
- Testing: EN12266-1.

### Options

- Available including inspection and certification by all leading Classification societies.
- Available in angle pattern version; type 100-248.
- Available in bronze; type 100-1270.
- Available with hydraulic pulse generator; type 106, 107 or 108.
- Available complete with pneumatic control box.

### Application

- Emergency shut down globe valve, for quickly shutting off a pipeline from a safe place.
- On board ships [maritime].
- Fuel systems.
- Neutral liquids, oil.
- For thermal oil we recommend a SOS valve with bellows seal.

DN	A	M	L	H	N	N	Connection H/ P tubing	Weight
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
15	95	100	130	188	142	165	G 1/8"	5
20	105	100	150	188	142	165	G 1/8"	6
25	115	100	160	200	142	165	G 1/8"	6.5
32	140	100	180	200	142	165	G 1/8"	9.5
40	150	160	200	232	147	170	G 1/8"	12.5
50	165	160	230	234	147	170	G 1/8"	17
65	185	160	290	277	157	180	G 1/8"	28
80	200	160	310	293	157	180	G 1/8"	31
100	220	200	350	350	162	185	G 1/8"	45

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.

DN	A	M	L	H	N	N	Weight
					Mechanic transmission	Hydraulic or pneumatic transmission	Connection H/ P tubing
125	250	200	400	383	162	185	G 1/8"
150	285	250	480	475		190	G 1/8"
200	340	250	600	552		190	G 1/8"

Size	Maximum working pressure at 150 °C
DN15 up to DN65	4 bar
DN80 and larger	2 bar

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of disc	Type of bonnet	Sealing	Max. operating pressure bar	Article
EN-JS1025	DN15	PN16	EN 558, Series 1	130	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000015-HAJ2
EN-JS1025	DN25	PN16	EN 558, Series 1	160	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000025-HAJ2
EN-JS1025	DN32	PN16	EN 558, Series 1	180	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000032-HAJ2
EN-JS1025	DN40	PN16	EN 558, Series 1	200	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000040-HAJ2
EN-JS1025	DN40	PN16	EN 558, Series 1	200	Pull mechanism	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000040-HA12
EN-JS1025	DN50	PN16	EN 558, Series 1	230	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000050-HAJ2
EN-JS1025	DN65	PN16	EN 558, Series 1	290	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000065-HAJ2
EN-JS1025	DN80	PN16	EN 558, Series 1	310	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	2	EC001000080-HAJ2
EN-JS1025	DN80	PN16	EN 558, Series 1	310	Pull mechanism	Fixed disc	Bolted bonnet	Stainless steel	2	EC001000080-HA12
EN-JS1025	DN100	PN16	EN 558, Series 1	350	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	2	EC001000100-HAJ2
EN-JS1025	DN125	PN16	EN 558, Series 1	400	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	2	EC001000125-HAJ2

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.