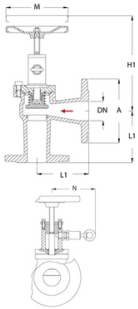


ECON® SOS Globe valve Type: 100-248 Ductile cast iron Flange PN16

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



Characteristics

- Type:** 100-248
- Norm:** EN (DIN)
- Construction type:** Angle pattern
- 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

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.

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 straight version; type 100-247.
- Available in bronze; type 100-1271.
- Available with hydraulic pulse generator; type 106, 107 or 108.
- Available complete with pneumatic control box.
-

DN	A	M	L1	H1	N			Weight
					Mechanic transmission	Hydraulic or pneumatic transmission	Connection H/ P tubing	
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
15	95	100	90	180	142	165	G 1/8"	5
20	105	100	95	180	142	165	G 1/8"	6
25	115	100	100	185	142	165	G 1/8"	7.5
32	140	100	105	185	142	165	G 1/8"	9
40	150	160	115	215	147	170	G 1/8"	12
50	165	160	125	215	147	170	G 1/8"	16
65	185	160	145	250	157	180	G 1/8"	27
80	200	160	155	265	157	180	G 1/8"	33
100	220	200	175	315	162	185	G 1/8"	46
125	250	200	200	340	162	185	G 1/8"	66

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DN	A	M	L1	H1	N	N	Weight
					Mechanic transmission	Hydraulic or pneumatic transmission	Connection H/ P tubing
150	285	250	225	420		190	G 1/8"
200	340	250	275	485		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	Operation	Type of disc	Type of bonnet	Sealing	Max. operating pressure	Article
				mm					bar	
EN-JS1025	DN20	PN16	EN 558, Series 8	95	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000020-JAJ2
EN-JS1025	DN25	PN16	EN 558, Series 8	100	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000025-JAJ2
EN-JS1025	DN32	PN16	EN 558, Series 8	105	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000032-JAJ2
EN-JS1025	DN40	PN16	EN 558, Series 8	115	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000040-JAJ2
EN-JS1025	DN50	PN16	EN 558, Series 8	125	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000050-JAJ2
EN-JS1025	DN65	PN16	EN 558, Series 8	145	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	4	EC001000065-JAJ2
EN-JS1025	DN80	PN16	EN 558, Series 8	155	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	2	EC001000080-JAJ2
EN-JS1025	DN100	PN16	EN 558, Series 8	175	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Stainless steel	2	EC001000100-JAJ2

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