



ECON® SOS Globe valve fig. 100-248

S.O.S. globe valve, angular, spheroidal graphite iron, with flanged connection.

Field of application

- Applications on ships to quickly shut-off lines from a safe location.
- Other applications include oil and fuel lines.

Features

- Available with hydraulic, pneumatic or mechanical actuation
- Available with position indicator
- Approval from various inspection bodies possible.

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

Face to Face norm: EN 558, Serie 8

Spring opening (NO): No

Spring closing (NC): Yes

Stem seal type: O-ring

Disc material: 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

Maximum medium temperature (continuous): 150

Application

- Recommended in: Maritime

DN	A	M	L1	H1	N	N	Connection H/ P tubing	Weight
	mm	mm	mm	mm	Mechanical transmission mm	Hydraulic or pneumatic transmission 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
150	285	250	225	420		190	G 1/8"	74.5
200	340	250	275	485		190	G 1/8"	105

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

Material quality	Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face length	Operation	Type of disc	Type of bonnet	Sealing	Maximum pressure difference at 20 °C	Article
				mm					bar	
EN-JS1025	DN15	PN16	PN16	90	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810556
EN-JS1025	DN15	PN16	PN16	90	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810564
EN-JS1025	DN20	PN16	PN16	95	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810557
EN-JS1025	DN20	PN16	PN16	95	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810565
EN-JS1025	DN25	PN16	PN16	100	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810558
EN-JS1025	DN25	PN16	PN16	100	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810566
EN-JS1025	DN32	PN16	PN16	105	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810559
EN-JS1025	DN32	PN16	PN16	105	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	12711599
EN-JS1025	DN40	PN16	PN16	115	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810560
EN-JS1025	DN40	PN16	PN16	115	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	12711600
EN-JS1025	DN50	PN16	PN16	125	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810561
EN-JS1025	DN50	PN16	PN16	125	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	12711601
EN-JS1025	DN65	PN16	PN16	145	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810562
EN-JS1025	DN65	PN16	PN16	145	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	12711602
EN-JS1025	DN80	PN16	PN16	155	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	2	11810563
EN-JS1025	DN80	PN16	PN16	155	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	2	12711603
EN-JS1025	DN100	PN16	PN16	175	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	2	12711597
EN-JS1025	DN100	PN16	PN16	175	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	2	12711604
EN-JS1025	DN125	PN16	PN16	200	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	2	12711598
EN-JS1025	DN125	PN16	PN16	200	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	2	12711610
EN-JS1025	DN150	PN16	PN16	225	Hydraulic	Fixed disc	Bolted bonnet	1.4021	2	12711608
EN-JS1025	DN200	PN16	PN10	275	Hydraulic	Fixed disc	Bolted bonnet	1.4021	2	12711609