



ECON® SOS Globe valve fig. 100-247 nodular cast iron flange

Emergency globe valve, 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: 100-247

Norm: EN (DIN)

Construction type: Straight

Housing material: Ductile cast iron

Surface protection: Standard manufacturers coating

Connection: Flange

Flange finish: Raised face

Face to Face norm: EN 558, Serie 1

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	L	H	N	N		Weight
					Mechanical transmission	Hydr. of pneumatic transmission	Connection H/ P tubing	
	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
125	250	200	400	383	162	185	G 1/8"	66
150	285	250	480	475		190	G 1/8"	74.5
200	340	250	600	552		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	130	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810537
EN-JS1025	DN15	PN16	PN16	130	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810547
EN-JS1025	DN20	PN16	PN16	150	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810538
EN-JS1025	DN20	PN16	PN16	150	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810548
EN-JS1025	DN25	PN16	PN16	160	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810539
EN-JS1025	DN25	PN16	PN16	160	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810549
EN-JS1025	DN32	PN16	PN16	180	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810540
EN-JS1025	DN32	PN16	PN16	180	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810550
EN-JS1025	DN40	PN16	PN16	200	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810541
EN-JS1025	DN40	PN16	PN16	200	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810551
EN-JS1025	DN50	PN16	PN16	230	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810542
EN-JS1025	DN50	PN16	PN16	230	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810552
EN-JS1025	DN65	PN16	PN16	290	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	4	11810543
EN-JS1025	DN65	PN16	PN16	290	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	4	11810553
EN-JS1025	DN80	PN16	PN16	310	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	2	11810544
EN-JS1025	DN80	PN16	PN16	310	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	2	11810554
EN-JS1025	DN100	PN16	PN16	350	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	2	11810545
EN-JS1025	DN100	PN16	PN16	350	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	2	11810555
EN-JS1025	DN125	PN16	PN16	400	Pneumatic/ hydraulic	Fixed disc	Bolted bonnet	1.4021	2	11810546
EN-JS1025	DN125	PN16	PN16	400	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	2	12711596
EN-JS1025	DN150	PN16	PN16	480	Hydraulic	Fixed disc	Bolted bonnet	1.4021	2	12711605
EN-JS1025	DN150	PN16	PN16	480	Pull mechanism	Fixed disc	Bolted bonnet	1.4021	2	12711607
EN-JS1025	DN200	PN16	PN10	600	Hydraulic	Fixed disc	Bolted bonnet	1.4021	2	12711606