



ECON® SOS Globe valve Type: 100-1270 Bronze Flange PN16

Bronze quick-closing globe valve, with bronze sealing and flange connection, pressure class PN16

Characteristics

Type: 100-1270
Norm: EN (DIN)
Construction type: Straight
Housing material: Bronze
Connection: Flange
Flange finish: Flat face
Spring opening (NO): No
Spring closing (NC): Yes
Stem seal type: O-ring
Material disc: CC491K (RG5)
Spindle material: CuAl10Ni
Primary spindle seal material: FPM
Material bonnet: 1.0254
Bonnet gasket material: Graphite
Actuator material: Steel
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 100-1271.
- Available in ductile iron; type 100-247.
- 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	Weight
	[mm]	[mm]	[mm]	[mm]	[kg]
15	95	125	120	186	4.5
20	105	125	120	186	5
25	115	125	140	199	6
32	140	125	150	199	8.7
40	150	150	155	238	10
50	165	150	180	245	13.2
65	185	150	200	290	23
80	200	150	240	299	31.9

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

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.

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
G-CuSn5ZnPb (Rg5)	DN15	PN16	Manufacturer standard	120	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Bronze	4	13409654
G-CuSn5ZnPb (Rg5)	DN25	PN16	Manufacturer standard	140	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Bronze	4	12160066
G-CuSn5ZnPb (Rg5)	DN32	PN16	Manufacturer standard	150	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Bronze	4	12160067
G-CuSn5ZnPb (Rg5)	DN40	PN16	Manufacturer standard	155	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Bronze	4	12160068
G-CuSn5ZnPb (Rg5)	DN50	PN16	Manufacturer standard	180	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Bronze	4	12160069
G-CuSn5ZnPb (Rg5)	DN65	PN16	Manufacturer standard	200	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Bronze	4	12160114
G-CuSn5ZnPb (Rg5)	DN80	PN16	Manufacturer standard	240	Pneumatic/hydraulic	Fixed disc	Bolted bonnet	Bronze	2	12160111

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.