

ECON® Globe valve Type: 276 Bronze Flange PN16

Econ® globe valve, angular, bronze, with flanged connection.

Field of application

- Applications on ships, where a lightweight bronze model is required.

Features

- Also available with regulating disc.
- Approval from various inspection bodies possible.

Characteristics

Type: 276

Norm: EN [DIN]

Construction type: Angle pattern

Housing material: Bronze

Connection: Flange

Flange finish: Flat face

Stem seal type: Gland seal

Spindle material: CuZn35Ni [SoMs59]

Primary spindle seal material: Graphite

Material bonnet: G-CuSn5ZnPb [Rg5]

Characteristics [2]

Bonnet gasket material: PTFE

Actuator material: Cast iron

Minimum medium temperature [continuous]: -10 °C

Maximum medium temperature [continuous]: 200 °C

Maximum pressure difference at 20 °C: 16 bar

DN [mm]	Pressure rating	A [mm]	L1 mm	H1 mm	M mm	Weight [kg]
15	PN 16	95	65	91	60	2.1
20	PN 16	105	70	106	80	2.7
25	PN 16	115	75	112	80	3.0
32	PN 16	140	90	128	90	4.6
40	PN 16	150	100	145	100	6.0
50	PN 16	165	105	164	120	8.0
65	PN 16	185	115	226	160	12
80	PN 16	200	125	248	200	14

Size	0/120°C	200°C
DN 15 - 100	16	12
		[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	Material disc	Article
G-CuSn5ZnPb [Rg5]	DN15	PN16	Manufacturer standard	65	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	CC491K [RG5]	12035573
G-CuSn5ZnPb [Rg5]	DN15	PN16	Manufacturer standard	65	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	CC491K [RG5]	12711786

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of disc	Type of bonnet	Sealing	Material disc	Article
mm										
G-CuSn5ZnPb (Rg5)	DN20	PN16	Manufacturer standard	70	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	12711787
G-CuSn5ZnPb (Rg5)	DN25	PN16	Manufacturer standard	75	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	12711780
G-CuSn5ZnPb (Rg5)	DN32	PN16	Manufacturer standard	90	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	12711781
G-CuSn5ZnPb (Rg5)	DN32	PN16	Manufacturer standard	90	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	12711789
G-CuSn5ZnPb (Rg5)	DN40	PN16	Manufacturer standard	100	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	11810841
G-CuSn5ZnPb (Rg5)	DN65	PN16	Manufacturer standard	115	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	12711784
G-CuSn5ZnPb (Rg5)	DN65	PN16	Manufacturer standard	115	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	12462228
G-CuSn5ZnPb (Rg5)	DN80	PN16	Manufacturer standard	125	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	CC491K (RG5)	12711791

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