

ECON® Globe valve Type: 1270DIN Bronze Flange PN16

Bronze globe valve, with bronze sealing, fixed or loose [SDNR] disc and flange connection, pressure class PN16.



Characteristics

Type: 1270DIN

Norm: EN (DIN)

Construction type: Straight

Housing material: Bronze

Connection: Flange

Flange finish: Raised face

Stem seal type: Gland seal

Spindle material: CuZn35Ni (SoMs59)

Primary spindle seal material: Graphite

Material bonnet: CC491K (RG5)

Bonnet gasket material: Graphite

Actuator material: Cast iron

Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 200 °C

Maximum pressure difference at 20 °C: 16 bar

Application

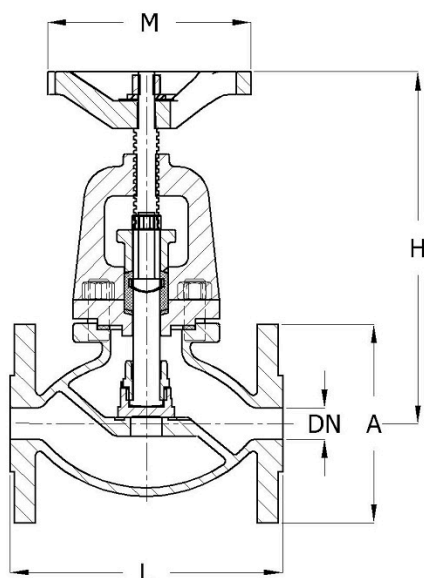
- General Industry.
- On board ships (maritime).
- Neutral liquids and gases.
- Hot or cold water, oil (for thermal oil: bellows sealed valve), etc.

Technical Information

- Testing: EN 12266-1.
- Bolted Bonnet.
- Face-to-face dimension according to EN 558, Serie 1 (formerly DIN).

Options

- Available including inspection and certification by all leading Classification societies.
- Available in ECON face-to-face length; type 1270.
- Available with regulating disc.



Size table:

DN	A	H	L	M	Weight
	mm	mm	mm	mm	kg
DN15	95	180	130	100	3.8
DN20	105	185	150	100	4.4
DN25	115	193	160	125	5.5
DN32	140	204	180	125	7.3
DN40	150	215	200	160	9.3
DN50	165	230	230	160	11.9
DN65	185	280	290	160	18.9
DN80	200	293	310	200	25.3
DN100	220	318	350	200	32.6

Pressure and temperature range

Size	Pressure rating	120	200	[°C]
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Pressure and temperature range										
DN15 - DN100		PN16		16		13		[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
CC491K [RG5]	DN15	PN16	EN 558, Series 1	130	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439917
CC491K [RG5]	DN15	PN16	EN 558, Series 1	130	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439926
CC491K [RG5]	DN20	PN16	EN 558, Series 1	150	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439918
CC491K [RG5]	DN20	PN16	EN 558, Series 1	150	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439927
CC491K [RG5]	DN25	PN16	EN 558, Series 1	160	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439919
CC491K [RG5]	DN25	PN16	EN 558, Series 1	160	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439928
CC491K [RG5]	DN32	PN16	EN 558, Series 1	180	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439920
CC491K [RG5]	DN32	PN16	EN 558, Series 1	180	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439929
CC491K [RG5]	DN40	PN16	EN 558, Series 1	200	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439921
CC491K [RG5]	DN40	PN16	EN 558, Series 1	200	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439930
CC491K [RG5]	DN50	PN16	EN 558, Series 1	230	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439922
CC491K [RG5]	DN50	PN16	EN 558, Series 1	230	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439931
CC491K [RG5]	DN65	PN16	EN 558, Series 1	290	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439923
CC491K [RG5]	DN65	PN16	EN 558, Series 1	290	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439932
CC491K [RG5]	DN80	PN16	EN 558, Series 1	310	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439924
CC491K [RG5]	DN80	PN16	EN 558, Series 1	310	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439933
CC491K [RG5]	DN100	PN16	EN 558, Series 1	350	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	CC491K [RG5]	14439925
CC491K [RG5]	DN100	PN16	EN 558, Series 1	350	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	CC491K [RG5]	14439934

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