

ECON® Globe valve Type: 1270 Bronze Flange PN10/16

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



Characteristics

Type: 1270

Norm: EN (DIN)

Construction type: Straight

Housing material: Bronze

Connection: Flange

Flange finish: Flat face

Stem seal type: Gland seal

Material disc: CC491K (RG5)

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

Application

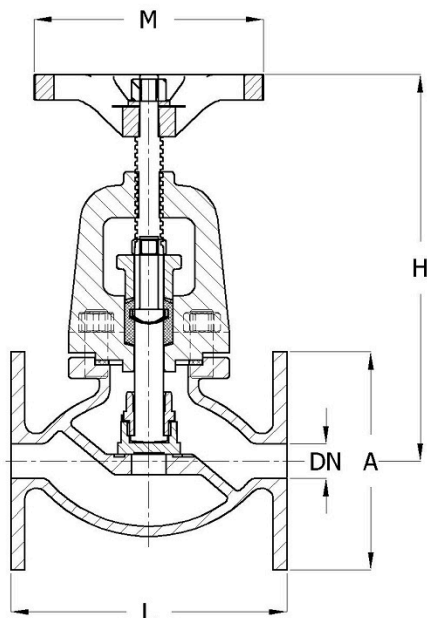
- General Industry.
- On board ships (maritime).
- Neutral liquids and gases.
- Hot or cold water, oil (for thermal oil: bellows sealed valve), etc.

Technical Information

- Testing: EN 12266-1.
- Bolted Bonnet.

Options

- Available including inspection and certification by all leading Classification societies.
- Available in angle type; 1271.
- Available in low-zinc bronze; type 1272.
- Available in DIN face-to-face length; type 1270DIN.
- Available with regulating disc.



Size table:

DN	A	H	L	M	Weight
	mm	mm	mm	mm	kg
DN15	95	177	120	100	3.2
DN20	105	178	120	100	3.4
DN25	115	188	140	125	4.8
DN32	140	197	150	125	5.8
DN40	150	215	155	160	8.1
DN50	165	230	180	160	10.4
DN65	185	271	200	160	15
DN80	200	293	240	200	21.7
DN100	220	318	270	200	29.6
DN125	250	350	320	250	44.7
DN150	285	396	370	300	62
DN200	340	531	500	400	111

Pressure and temperature range

Size	Pressure rating	120	200	[°C]
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Pressure and temperature range				
DN15 - DN150	PN16	16	13	[bar]
DN200	PN10	10	8	[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	Maximum pressure difference at 20 °C bar	Article
CC491K (RG5)	DN15	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439893
CC491K (RG5)	DN15	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439905
CC491K (RG5)	DN20	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439894
CC491K (RG5)	DN20	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439906
CC491K (RG5)	DN25	PN16	Manufacturer standard	140	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439895
CC491K (RG5)	DN25	PN16	Manufacturer standard	140	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439907
CC491K (RG5)	DN32	PN16	Manufacturer standard	150	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439896
CC491K (RG5)	DN32	PN16	Manufacturer standard	150	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439908
CC491K (RG5)	DN40	PN16	Manufacturer standard	155	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439897
CC491K (RG5)	DN40	PN16	Manufacturer standard	155	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439909
CC491K (RG5)	DN50	PN16	Manufacturer standard	180	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439898
CC491K (RG5)	DN50	PN16	Manufacturer standard	180	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439910
CC491K (RG5)	DN65	PN16	Manufacturer standard	200	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439899
CC491K (RG5)	DN65	PN16	Manufacturer standard	200	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439911
CC491K (RG5)	DN80	PN16	Manufacturer standard	240	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439900
CC491K (RG5)	DN80	PN16	Manufacturer standard	240	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439912
CC491K (RG5)	DN100	PN16	Manufacturer standard	270	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439901
CC491K (RG5)	DN100	PN16	Manufacturer standard	270	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439913

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Type of disc	Type of bonnet	Sealing	Maximum pressure difference at 20 °C bar	Article
CC491K [RG5]	DN125	PN16	Manufacturer standard	320	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439902
CC491K [RG5]	DN125	PN16	Manufacturer standard	320	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439914
CC491K [RG5]	DN150	PN16	Manufacturer standard	370	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	16	14439903
CC491K [RG5]	DN150	PN16	Manufacturer standard	370	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	16	14439915
CC491K [RG5]	DN200	PN10	Manufacturer standard	500	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Bronze	10	14439904
CC491K [RG5]	DN200	PN10	Manufacturer standard	500	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Bolted bonnet	Bronze	10	14439916

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