

ECON® Globe valve Type: 276 Bronze Flange PN16

Bronze angle type globe valve, with bronze sealing, fixed or loose (SDNR) disc and flange connection, pressure class PN16.



Characteristics

Type: 276

Norm: EN (DIN)

Construction type: Angle pattern

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: 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

Application

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

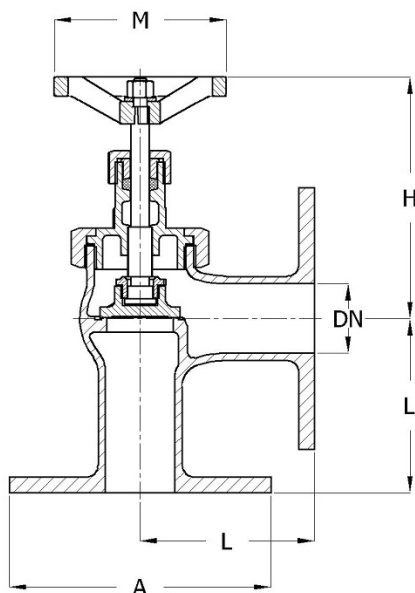
Technical Information

- Testing: EN 12266-1.
- Screwed bonnet with secured nut.

Options

- Available including inspection and certification by all leading Classification societies.
- Available with BSP thread ends; type 1276.
- Available with regulating disc.

Size table:



DN	A mm	H mm	L mm	M mm	Weight kg
DN15	95	106	65	63	1.4
DN20	105	116	70	80	1.9
DN25	115	129	75	80	2.8
DN32	140	139	90	90	3.9
DN40	150	150	100	100	5.2
DN50	165	161	105	125	7.3
DN65	185	202	115	160	11
DN80	200	221	125	200	15

Pressure and temperature range

Size	Pressure rating	120	200	[°C]
DN15 - DN80	PN16	16	13	[bar]

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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	Kv value	Article
				mm					m³/h	
CC491K [RG5]	DN15	PN16	Manufacturer standard	65	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	6.2	14439865
CC491K [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	6.2	14439873
CC491K [RG5]	DN20	PN16	Manufacturer standard	70	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	9.4	14439866
CC491K [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	9.4	14439874
CC491K [RG5]	DN25	PN16	Manufacturer standard	75	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	22.9	14439867
CC491K [RG5]	DN25	PN16	Manufacturer standard	75	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	22.9	14439875
CC491K [RG5]	DN32	PN16	Manufacturer standard	90	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	23.8	14439868
CC491K [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	23.8	14439876
CC491K [RG5]	DN40	PN16	Manufacturer standard	100	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	32.2	14439869
CC491K [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	32.2	14439877
CC491K [RG5]	DN50	PN16	Manufacturer standard	105	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	51.6	14439870
CC491K [RG5]	DN50	PN16	Manufacturer standard	105	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed bonnet with secured nut	Bronze	51.6	14439878
CC491K [RG5]	DN65	PN16	Manufacturer standard	115	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	87.1	14439871
CC491K [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	87.1	14439879
CC491K [RG5]	DN80	PN16	Manufacturer standard	125	Hand wheel, rising with rising stem	Fixed disc	Screwed bonnet with secured nut	Bronze	134.5	14439872
CC491K [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	134.5	14439880

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