

ECON® Globe valve Type: 275 Bronze Flange PN16

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

Characteristics

Type: 275

Norm: EN [DIN]

Construction type: Straight

Housing material: Bronze

Connection: Flange

Flange finish: Flat face

Stem seal type: Gland seal

Sealing: Bronze

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

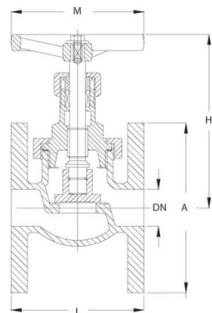
- General Industry.
- On board ships (maritime).
- Neutral liquids and gases.
- Hot or cold water, oil [for thermal oil: bellows sealed valve], etc.

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 1275.
- Available with regulating disc.
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DN mm	Pressure rating	A mm	L mm	H open mm	M mm	Weight [kg]
15	PN 16	95	70	107	63	1,5
20	PN 16	105	80	123	80	2,3
25	PN 16	115	90	131	80	2,8
32	PN 16	140	105	140	90	4,3
40	PN 16	150	120	150	100	6
50	PN 16	165	140	165	125	8
65	PN 16	185	180	248	160	13
80	PN 16	200	200	268	200	17
100	PN 16	220	230	275	200	21

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	Actuation	Type of disc	Type of bonnet	Kv value m³/h	Article
CC491K [RG5]	DN15	PN16	Manufacturer standard	70	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	7	13360002

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Actuation	Type of disc	Type of bonnet	Kv value	Article
				mm					m³/h	
CC491K (RG5)	DN15	PN16	Manufacturer standard	70	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	7	13360012
CC491K (RG5)	DN20	PN16	Manufacturer standard	80	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	11.2	13359992
CC491K (RG5)	DN20	PN16	Manufacturer standard	80	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	11.2	13360003
CC491K (RG5)	DN20	PN16	Manufacturer standard	80	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	11.2	13360013
CC491K (RG5)	DN25	PN16	Manufacturer standard	90	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	20.5	13359993
CC491K (RG5)	DN25	PN16	Manufacturer standard	90	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	20.5	13360004
CC491K (RG5)	DN25	PN16	Manufacturer standard	90	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	20.5	13360014
CC491K (RG5)	DN32	PN16	Manufacturer standard	105	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	24	13359994
CC491K (RG5)	DN32	PN16	Manufacturer standard	105	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	24	13360006
CC491K (RG5)	DN32	PN16	Manufacturer standard	105	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	24	13360015
CC491K (RG5)	DN40	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	39.5	13359995
CC491K (RG5)	DN40	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	39.5	13360007
CC491K (RG5)	DN40	PN16	Manufacturer standard	120	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	39.5	13360016
CC491K (RG5)	DN50	PN16	Manufacturer standard	140	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	57	13359996
CC491K (RG5)	DN50	PN16	Manufacturer standard	140	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	57	13360008
CC491K (RG5)	DN50	PN16	Manufacturer standard	140	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	57	13360017
CC491K (RG5)	DN65	PN16	Manufacturer standard	180	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	96	13359997
CC491K (RG5)	DN65	PN16	Manufacturer standard	180	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	96	13360009
CC491K (RG5)	DN65	PN16	Manufacturer standard	180	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	96	13360018
CC491K (RG5)	DN80	PN16	Manufacturer standard	200	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	146.5	13359998
CC491K (RG5)	DN80	PN16	Manufacturer standard	200	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	146.5	13360010

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Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length mm	Operation	Actuation	Type of disc	Type of bonnet	Kv value m³/h	Article
CC491K (RG5)	DN80	PN16	Manufacturer standard	200	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	146.5	13360019
CC491K (RG5)	DN100	PN16	Manufacturer standard	230	Hand wheel, rising with rising stem	Pressure below the valve	Control disc	Screwed bonnet with secured nut	250	13359999
CC491K (RG5)	DN100	PN16	Manufacturer standard	230	Hand wheel, rising with rising stem		Fixed disc	Screwed bonnet with secured nut	250	13360011
CC491K (RG5)	DN100	PN16	Manufacturer standard	230	Hand wheel, rising with rising stem		Screw down non-return disc without spring	Screwed bonnet with secured nut	250	13360020

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