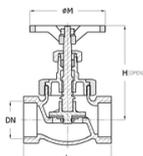
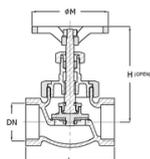


ECON® Globe valve Type: 251 Bronze Internal thread (BSPP) PN25

Bronze globe valve, with PTFE sealing, fixed or loose (SDNR) disc and BSP thread ends, pressure class PN25.



Characteristics

- Type:** 251
- Norm:** EN (DIN)
- Construction type:** Straight
- Housing material:** Bronze
- Connection:** Internal thread (BSPP)
- Standard thread connection:** ISO 228-1
- 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:** 25 bar

Application

- General Industry.
- On board ships (maritime).
- HVAC applications.
- Neutral liquids and gases.
- Steam (max. 6 bar), condensate, hot or cold water, oil (for thermal oil: bellows sealed valve), etc.
- Recommended in: Utilities

Technical Information

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

Options

- Available including inspection and certification by all leading Classification societies.

DN [mm]	D BSP	H [mm]	L [mm]	ØM [mm]	Weight [kg]
8	1/4"	107	60	63	0.05
10	3/8"	107	60	63	0.5
15	1/2"	107	65	63	0.7
20	3/4"	121	75	80	1
25	1"	131	90	80	1.4
32	1.1/4"	141	105	90	2
40	1.1/2"	151	120	100	2.7
50	2"	168	145	125	4.4

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Pressure and temperature range					
-10	0	120	180	[°C]	
25	25	25	11.3	[bar]	

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]	1/4" [8]	PN25	Manufacturer standard	60	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed and gland nut	PTFE	2.9	14028290
CC491K [RG5]	3/8" [10]	PN25	Manufacturer standard	60	Hand wheel, rising with rising stem	Fixed disc	Screwed and gland nut	PTFE	2.9	14028272
CC491K [RG5]	3/8" [10]	PN25	Manufacturer standard	60	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed and gland nut	PTFE	2.9	14028291
CC491K [RG5]	1/2" [15]	PN25	Manufacturer standard	65	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed and gland nut	PTFE	6.2	14028292
CC491K [RG5]	3/4" [20]	PN25	Manufacturer standard	75	Hand wheel, rising with rising stem	Fixed disc	Screwed and gland nut	PTFE	9.5	14028284
CC491K [RG5]	3/4" [20]	PN25	Manufacturer standard	75	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed and gland nut	PTFE	9.5	14028293
CC491K [RG5]	1.1/4" [32]	PN25	Manufacturer standard	105	Hand wheel, rising with rising stem	Fixed disc	Screwed and gland nut	PTFE	21	14028287
CC491K [RG5]	1.1/2" [40]	PN25	Manufacturer standard	120	Hand wheel, rising with rising stem	Fixed disc	Screwed and gland nut	PTFE	35	14028288
CC491K [RG5]	1.1/2" [40]	PN25	Manufacturer standard	120	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed and gland nut	PTFE	35	14028296
CC491K [RG5]	2" [50]	PN25	Manufacturer standard	145	Hand wheel, rising with rising stem	Screw down non-return disc without spring	Screwed and gland nut	PTFE	42	14028297

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