

valveIT Cast Iron Globe Valve

Features

- PN 16
- Technical Conditions - Design: EN1074
- Face to Face Dimensions - DIN 3202 - Series F1 (EN 558 - 1)
- Rising Stem
- SS Trim - 13% Chrome, Bolted Bonnet
- Flanged to DIN 2633 (EN 1092) / BS 4504 PN 16 (EN 1092)
- Raised Face Flanges Drilled to DIN 2501 (EN 1092)

Application

HVAC System, Cold and Hot Water

Hydrostatic Test Pressure

Body : 24 bar
Seat : 17.6 bar

Pressure / Temperature Rating

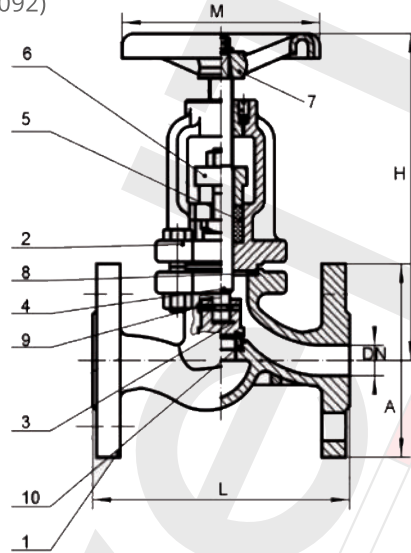
13 bar at 220 deg C
16 bar from - 10 to 120 deg C

Coating

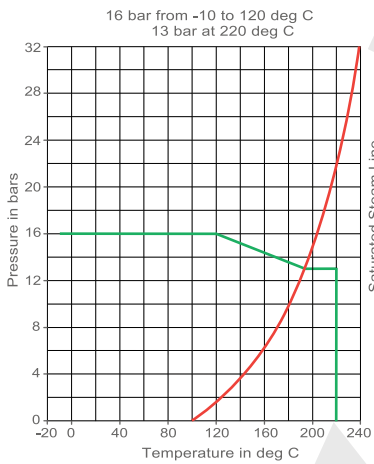
Internal and External coated with wet Epoxy paint (RAL 5002 Blue)
Coating Thickness (DFT) = 100 Microns

*On Request (Forward Delivery)

Available in Bronze Trim
Available in MSS - SP - 85 (CL 125, CL 250)
*Subject to minimum order quantity



Pressure Vs Temperature Graph



Material Specification

No	Component	Material	DIN
1	Body	Cast Iron	1691GG25
2	Bonnet	Cast Iron	1691GG25
3	Disc	Cast Iron + SS Overlay	1691GG25
4	Stem	Stainless Steel	X20Cr13
5	Gland Packing	Graphite	-
6	Gland	Cast Iron	1691GG25
7	Hand Wheel	Cast Iron	1691GG25
8	Bonnet Gasket	Graphite / Steel	-
9	Disc Lock Nut	Steel	9S20K
10	Seat	Stainless Steel	X20Cr13

Dimensions & Weights

Nominal Size	Dimensions				Weight	Kv Value
DN (mm)	L (mm)	A (mm)	H (mm)	M (mm)	Kg	m ³ / h
50	230	165	261.5	140	14.7	-
65	290	185	293	200	17.8	79
80	310	200	341	200	35.0	115
100	350	220	381	240	40.0	181
125	400	250	419	280	60.0	225
150	480	285	485	315	82.0	364
200	600	340	569	360	142.0	690
250	730	405	780	520	243.0	1010
300	850	460	890	520	341.0	1575