

Globe Valve

cim75.1

FIPT x FIPT • Rising Stem • Metal Seat



Applications:

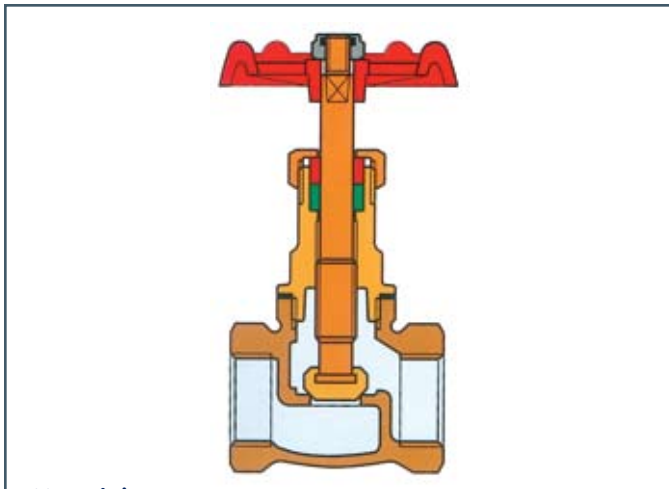
The CIM 75.1 globe valve is manufactured in accordance with BS 5154/B and EN ISO 9001 and is designed for use in a wide range of applications where fine flow regulation is required, including residential and commercial plumbing, industrial applications, agricultural applications, heating plants, waterworks, steam, and sanitary systems as well as oil, gasoline and other hydrocarbon services.

Features:

The CIM 75.1 globe valve features a screwed-in bonnet and rising stem. The machined hot forged brass bar En 12165 CW617N disc lifts with the stem and is free to rotate to create an adjustable opening capable of fine flow regulation.

Threading:

NPT Threads ANSI B1.20.1



Materials:

- Body:** Cast Bronze to BS 1400 - LG2 (Cu85Sn5Zn5Pb5)
- Bonnet:** Hot Forged Brass ASTM C37700
- Stem and Metal Components:** 36600 Bar Stock
- Body Gasket:** NA 1100 (Asbestos Free) Maximum Temperature of 842° F
- Packing Gland:** AF 15/MA Heat Resistant Fiber, (Asbestos Free) Elastomers, Synthetic Resin and P.T.F.E., Maximum Temperature of 482° F
- Handwheel:** Hard Duraluminum Alloy Epoxy Painted Red RAL 3000, with "Open" and "Shut" Indication

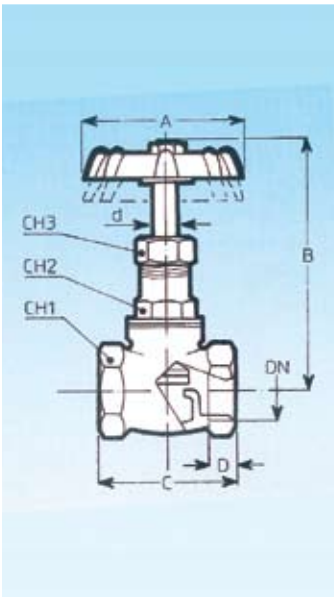
Size	Fast Order No.	Technical ID No.
3/8"	75-03	CIM75-A03WH
1/2"	75-04	CIM75-A04WH
3/4"	75-06	CIM75-A06WH
1"	75-07	CIM75-A07WH
1-1/4"	75-08	CIM75-A08WH
1-1/2"	75-09	CIM75-A09WH
2"	75-10	CIM75-A10WH
2-1/2"	75-11	CIM75-A11WH
3"	75-12	CIM75-A12WH
4"	75-14	CIM75-A14WH

All Cimberio valves qualify for the American Recovery and Reinvestment Act and the Buy American Act.

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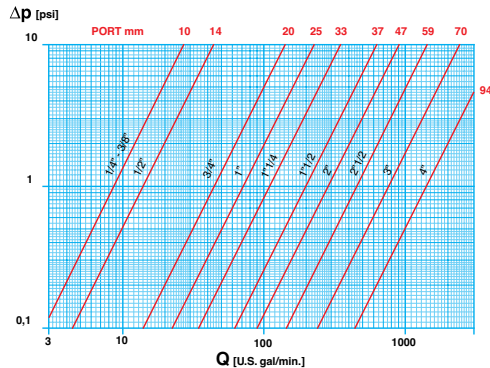
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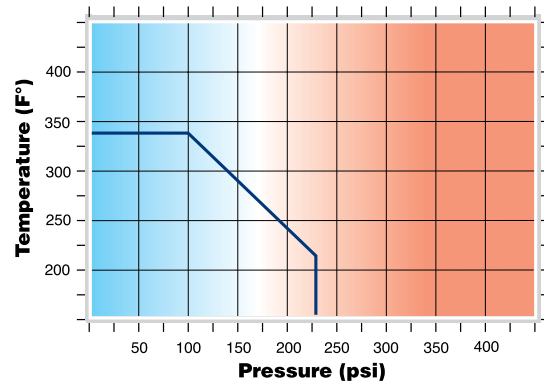


Size Port inch Port mm	3/8" 0.55" 14mm	1/2" 0.55" 14mm	3/4" 0.75" 20mm	1" 0.98" 25mm	1-1/4" 1.26" 32mm	1-1/2" 1.46" 37mm	2" 1.85" 47mm	2-1/2" 2.32" 59mm	3" 2.76" 70mm	4" 3.7" 94mm
A	2" 50mm	2-3/16" 55mm	2-3/8" 60mm	2-9/16" 65mm	2-9/16" 65mm	3-1/8" 80mm	3-1/8" 80mm	4-3/4" 120mm	4-3/4" 120mm	6-7/8" 175mm
B	3-1/8" 80mm	3-3/8" 86mm	3-15/16" 100mm	4-5/16" 110mm	4-15/16" 125mm	5-3/4" 146mm	6-1/2" 165mm	9" 228mm	10-1/8" 258mm	12-13/16" 325mm
C	1-3/4" 45mm	2" 50mm	2-3/8" 60mm	2-3/4" 70mm	3-3/8" 85mm	3-9/16" 90mm	4-5/16" 110mm	5-5/16" 135mm	5-3/4" 146mm	7-1/2" 190mm
D	3/8" 9mm	7/16" 11mm	1/2" 13mm	9/16" 14mm	5/8" 16mm	5/8" 16mm	11/16" 18mm	13/16" 21mm	13/16" 21mm	15/16" 23mm
CH1	1" 25mm	1-1/8" 29mm	1-3/8" 35mm	1-5/8" 42mm	2" 51mm	2-5/16" 58mm	2-3/4" 70mm	3-7/16" 88mm	3-15/16" 100mm	5" 129mm
CH2	13/16" 21mm	15/16" 23mm	15/16" 23mm	1-1/8" 28mm	1-5/16" 33mm	1-1/2" 38mm	1-3/4" 45mm	2-3/16" 55mm	2-1/2" 63mm	3-1/8" 80mm
CH3	11/16" 17mm	3/4" 18mm	3/4" 18mm	13/16" 21mm	15/16" 23mm	1" 25mm	1-1/16" 27mm	1-7/16" 37mm	1-9/16" 39mm	1-15/16" 50mm
d	5/16" 8mm	5/16" 8mm	5/16" 8mm	3/8" 9mm	3/8" 9mm	3/8" 10mm	3/8" 10mm	5/8" 16mm	3/4" 19mm	7/8" 22mm
Pounds Grams	0.5 225	0.65 295	0.93 420	1.41 640	2.09 950	2.72 1230	4.17 1890	9.08 4120	11.62 5270	22.18 10060

FLOW AND PRESSURE DROP



PRESSURE/TEMPERATURE RATINGS



CV

CV: Capacity in "U.S. gal/min" at pressure drop of "1 PSI"

Element: Water - Temperature: 59.9° F

75.1 SIZE	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Ø mm	14	14	20	25	33	37	47	59	70	94
Ø inch	0.55	0.55	0.79	0.98	1.3	1.46	1.85	2.32	2.76	3.7
CV	13.9	13.9	45.5	71.6	110.5	199.5	283.3	431.7	766	1400.2

Working Pressure: 232 PSI

Integral Seat: In Accordance with Nominal Dimension

Max. Operating Temperature: Working Limit for Fluids 14° F – 212° F

Saturated Steam: 102 PSI at 338° F

Test Pressures: According to ISO 5208