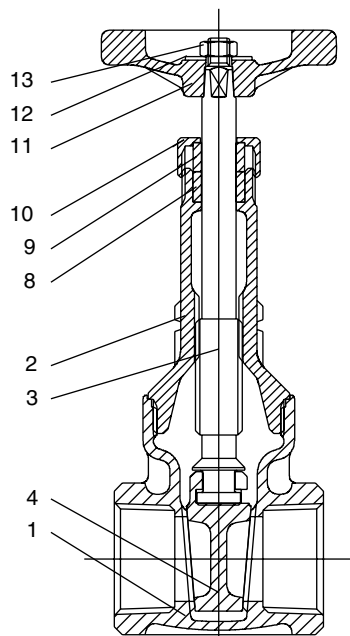


Figure B-100

Class 125 • Threaded Bonnet • Rising Stem • Threaded Ends



Materials of Construction

No.	Description	Material	ASTM Spec.
1	Body	Bronze	B-62 C83600
2	Bonnet	Bronze	B-62 C83600
3	Stem	(1/4" - 2") Bronze	B-62 C83600
		(2 1/2" & 3") Cu-Si Bronze	B-371 C69400
4	Wedge	Bronze	B-62 C83600
8	Packing	Asbestos Free	
9	Packing Gland	Brass	B-16 C36000
10	Packing Nut	(1/4" - 2") Brass	B-16 C36000
		(2 1/2" & 3") Bronze	B-584 C84400
11	Handwheel	Malleable Iron	A-197 F22000
12	ID Plate	Aluminum	
13	Handwheel Nut	Brass	B-16 C36000

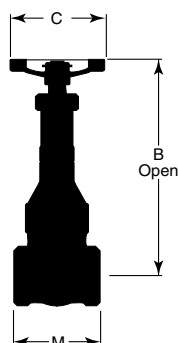
Industry Standards

Complies with MSS SP-80 Type 2

See page 7 for Pressure Temperature Ratings

Dimensions and Weights

Inches (millimeters) - Pounds (kilograms)



Valve Size	Dimensions			Wt.
	B	C	M	
1/4	4.92 (125)	2.13 (54)	1.65 (42)	.5 (.22)
	4.92 (125)	2.13 (54)	1.65 (42)	.5 (.22)
3/8	5.07 (129)	2.75 (70)	1.98 (51)	1.0 (.48)
	5.07 (129)	2.75 (70)	1.98 (51)	1.0 (.48)
1/2	6.25 (159)	2.75 (70)	2.14 (55)	1.6 (.72)
	6.25 (159)	2.75 (70)	2.14 (55)	1.6 (.72)
3/4	7.44 (189)	2.75 (70)	2.46 (63)	2.4 (1.10)
	7.44 (189)	2.75 (70)	2.46 (63)	2.4 (1.10)
1	8.62 (219)	3.25 (83)	2.77 (71)	3.3 (1.50)
	8.62 (219)	3.25 (83)	2.77 (71)	3.3 (1.50)
1 1/4	9.68 (246)	4.00 (102)	2.85 (73)	4.9 (2.25)
	9.68 (246)	4.00 (102)	2.85 (73)	4.9 (2.25)
2	11.85 (301)	4.00 (102)	3.25 (83)	7.0 (3.20)
	11.85 (301)	4.00 (102)	3.25 (83)	7.0 (3.20)
2 1/2	14.53 (369)	4.75 (121)	4.25 (108)	12.8 (5.80)
	14.53 (369)	4.75 (121)	4.25 (108)	12.8 (5.80)
3	16.39 (416)	5.50 (140)	4.59 (117)	18.8 (8.52)
	16.39 (416)	5.50 (140)	4.59 (117)	18.8 (8.52)