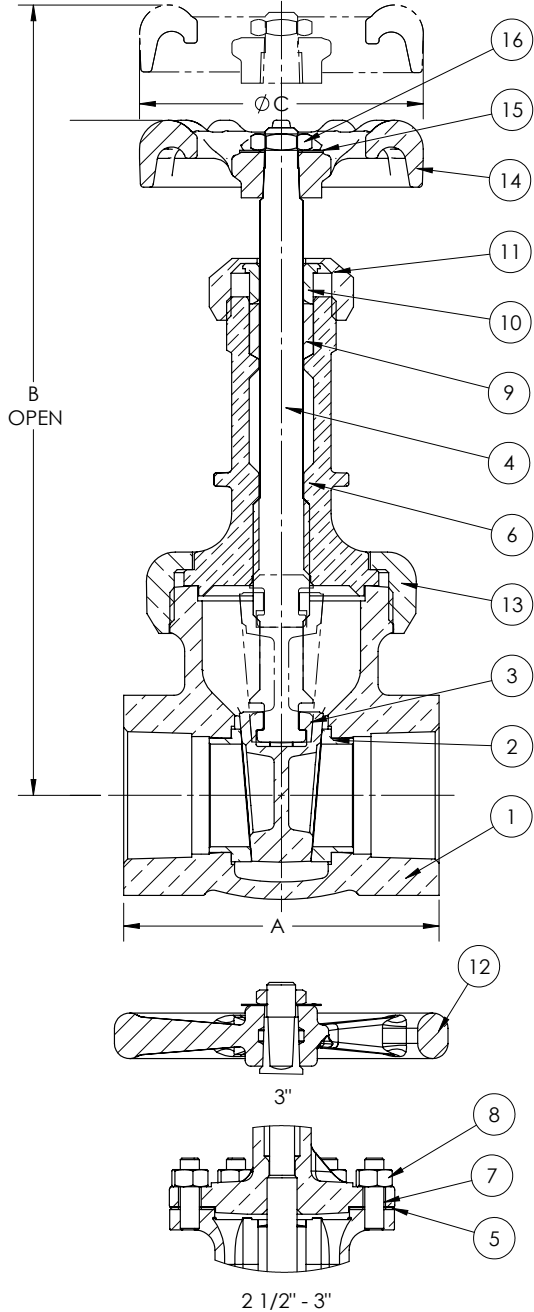


Class 200 • Union Bonnet* • Rising Stem • SS Seats • Thrd. Ends

424 Gate Valve



Materials of Construction

No.	Description	Material	ASTM Spec.
1	Body	Bronze	B-61 C92200
2	Body Seat Ring	Stainless Steel	A-276 Type 410
3	Disc	Bronze	B-61 C92200
4	Stem	Bronze	B-371 C69400
5	Gasket	Synthetic/Glass Fiber with Nitrile Binder	
6	Bonnet	Bronze	B-61 C92200
7	Stud	Steel Cadmium	A-109 C1144
8	Stud Nut	Mild Steel	A-563 GR A
9	Packing	Graphite (Asbestos Free)	
10	Gland	Brass	B-16 H02
11	Packing Nut	Brass	B-16 H02
12	Handwheel 3"	Ductile Iron	-
13	Union Bonnet Ring	Bronze	B-61 C92200
14	Handwheel (1/4" - 2 1/2")	Cast Iron	
15	ID Plate	Steel Zinc Plated	
16	Lock Nut	Steel Cadmium	

See page 8 for Pressure-Temperature Ratings.

Industry Standards
MSS SP-80, Type 2

Dimensions and Weights

Inches (millimeters) - Pounds (kilograms)

Valve Size	Dimensions			Wt.
	B	C	A	
1/4	4.67	2.24	2.03	0.88
	(119)	(57)	(52)	(0.40)
3/8	4.67	2.24	2.13	0.90
	(119)	(57)	(54)	(0.41)
1/2	5.37	2.76	2.44	1.43
	(136)	(70)	(62)	(0.65)
3/4	6.57	2.76	2.61	2.07
	(167)	(70)	(66)	(0.94)
1	7.60	2.76	3.06	3.23
	(193)	(70)	(78)	(1.47)
1 1/4	9.09	4.02	3.35	4.86
	(231)	(102)	(85)	(2.21)
1 1/2	10.28	4.02	3.69	6.18
	(261)	(102)	(94)	(2.81)
2	12.17	4.02	3.96	10.36
	(309)	(102)	(101)	(4.71)
*2 1/2	14.37	4.76	4.60	18.61
	(365)	(121)	(117)	(8.46)
*3	16.68	5.51	5.63	31.33
	(424)	(140)	(143)	(14.24)

* 2 1/2" and 3" have Bolted Bonnet