

8501/8503

1/4"-3"

BRONZE BALL VALVE
TWO-PIECE, STANDARD-PORT
600 PSIG WOG / 150 PSIG SWP *
THREADED ENDS

MSS SP-110

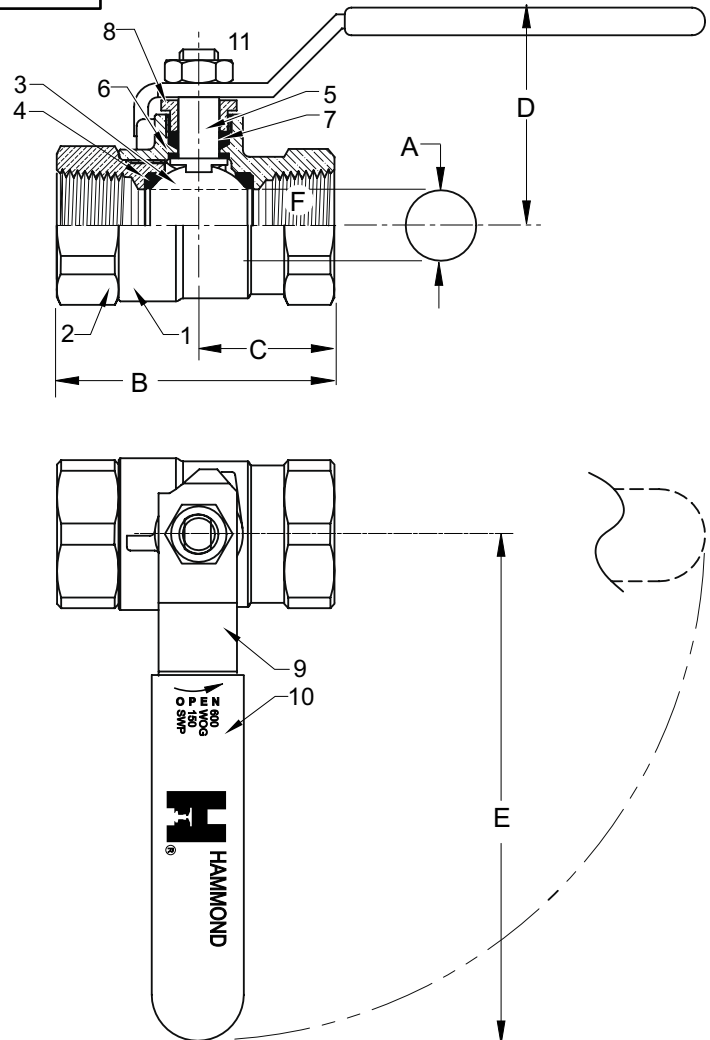
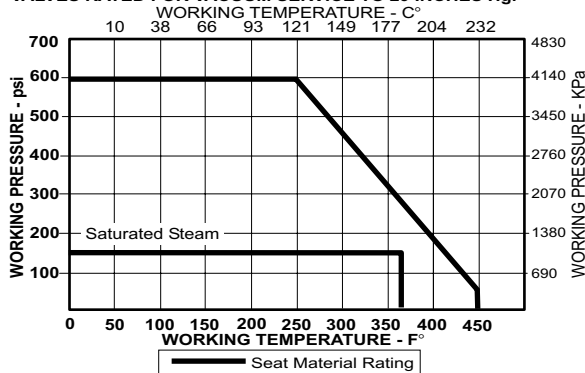
MATERIALS LIST

ITEM	PART	MODEL	MATERIALS	ASTM SPEC.
1	Body	8501/8503	Cast Bronze	B584
2	Tailpiece	8501/8503	Brass Cast Bronze (1" & up)	B16 B584
3	Ball	8501	Brass w/ Hard Chrome Plating	B16
		8503	316 Stainless Steel	A276
4	Seat	8501/8503	RPTFE, 15% Glass Filled	
5	Stem	8501	Brass	B16
		8503	316 Stainless Steel	A276
6	Thrust Washer	8501/8503	RPTFE, 25% Glass Filled	
7	Packing	8501/8503	PTFE	
8	Packing Nut	8501/8503	Brass	B16
9	Handle	8501/8503	Steel w/ Zinc Plating	B633
10	Hand Grip	8501/8503	Vinyl	
11	Handle Nut	8501/8503	Steel w/ Zinc Plating	B633

* Hammond Valve Company recommends the use of Stainless steel ball and stem for steam applications. Please consult factory for more information.

PRESSURE - TEMPERATURE DATA

VALVES RATED FOR VACUUM SERVICE TO 29 INCHES Hg.



DIMENSIONS

A (DIA)	UNITS	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
		DN6	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80
B	INCHES	0.38	0.38	0.50	0.76	0.88	1.06	1.31	1.56	2.00	2.31
	mm	9.7	9.7	12.7	19.3	22.4	26.9	33.3	39.6	51.0	58.7
C	INCHES	1.86	1.86	2.19	2.64	3.17	3.50	3.96	4.30	5.56	6.20
	mm	45.6	45.6	53.7	64.7	77.7	85.8	97.0	105.4	136.2	151.9
D	INCHES	1.00	1.00	1.10	1.30	1.58	1.74	1.97	2.15	2.79	3.10
	mm	24.5	24.5	27.0	31.9	38.7	42.6	48.3	52.7	68.4	76.0
E	INCHES	1.78	1.81	1.91	2.08	2.25	2.66	2.84	3.00	3.47	3.90
	mm	43.6	44.3	46.8	51.0	55.1	65.2	69.6	73.5	85.0	95.6
F	INCHES	3.81	3.81	3.81	4.56	4.56	6.31	6.31	7.19	7.19	7.19
	mm	93.3	93.3	93.3	111.7	111.7	154.6	154.6	176.2	176.2	176.2
Cv	THREAD SIZE	1/4" NPT	3/8" NPT	1/2" NPT	3/4" NPT	1" NPT	1-1/4" NPT	1-1/2" NPT	2" NPT	2-1/2" NPT	3" NPT
		7	7	13	25	38	61	87	121	228	305

Note: DN (Diameter Nominal) = Metric equivalent size.

Rev. 1

The information presented on this sheet is correct at the time of publication. Hammond Valve reserves the right to change design, and/or material specifications without notice. For the most current information access www.hammondvalve.com