

# 8614/8613

# 1/2"-3"

**BRONZE BALL VALVE  
THREE-PIECE, FULL-PORT  
600 WOG / 150 SWP (1)  
SOLDERED ENDS**

FED. SPEC. WW-V-35C II, BZ, 1  
MSS SP-110

## MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Bronze	B584
2	End Cap	Bronze	B584
3	Stem	Brass	B16
		316 Stainless Steel (2)	B276
4	Packing Nut	Brass	B16
5	Packing	PTFE	
6	Thrust Washer	RPTFE, 25% Glass Reinforced	
7	Ball	CP Brass	B16
		316 Stainless Steel (2)	B276
8	Seat	RPTFE, 15% Glass Reinforced	
9	Handle	Steel w/ Zinc Plating	Commercial
10	Handle Nut	Steel w/ Zinc Plating	Commercial
11	Handle Grip	Vinyl	
12	Body Bolts	Steel (Gr 8) w/ Zinc Plating	Commercial
13	Body Nuts	Steel (Gr 8) w/ Zinc Plating	Commercial

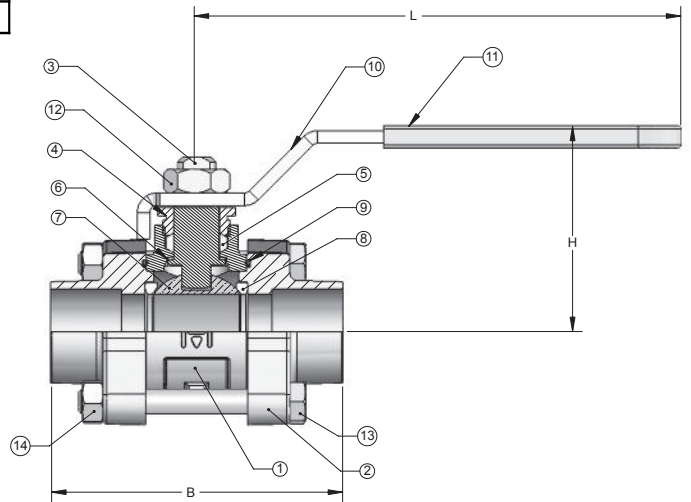
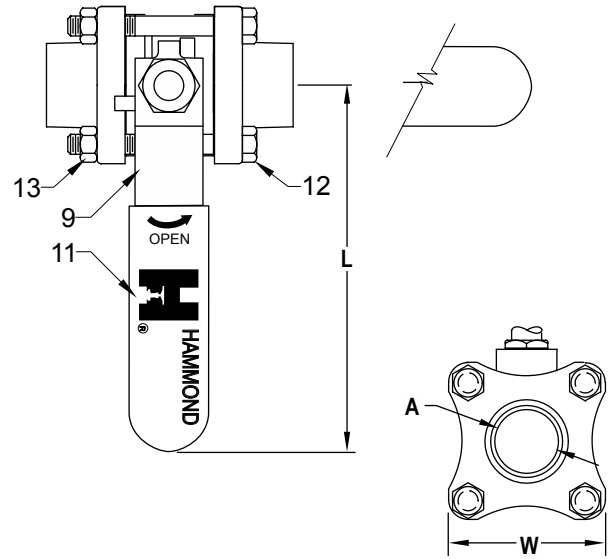
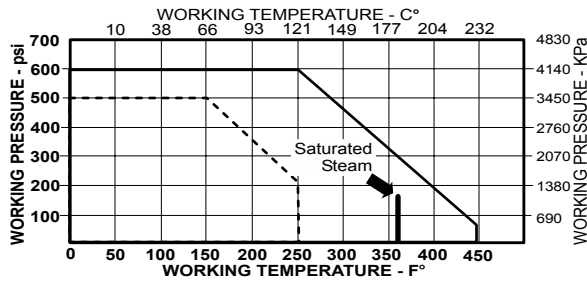
(1) Hammond Valve Company recommends the use of Stainless Steel ball and stem for steam applications. Please consult factory for more information.

(2) Ball and Stem are stainless for 8613.

## PRESSURE and TEMPERATURE CHART

VALVES RATED FOR VACUUM SERVICE TO 29 INCHES Hg.

— Seat Material Rating  
- - - Solder Joints per ANSI B16.18



## DIMENSIONS

	UNITS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3" *
		DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80
A	INCHES	0.50	0.75	1	1.25	1.50	2	2.50	2.50
	mm	13	19	25	32	38	51	64	64
B	INCHES	2.80	3.44	3.87	4.75	5.25	6.10	6.94	6.94
	mm	72	88	94	121	134	153	176	176
H	INCHES	1.95	2.26	2.44	2.80	3.12	3.58	4.09	4.09
	mm	50	57	62	71	79	91	104	104
L	INCHES	3.88	4.75	4.75	6.50	7.38	7.38	8	8
	mm	99	121	121	165	187	187	203	203
W	INCHES	1.91	2.19	2.46	2.98	2.98	4	5	5
	mm	49	56	62	76	76	102	127	127
F	THREAD	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
	SIZE	NPT	NPT	NPT	NPT	NPT	NPT	NPT	NPT
Cv		17	31	60	110	185	360	390	390

\* 3" is Standard Port

Rev. 4

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 Installation, Operation and Maintenance Manual (IOM) see the engineering section on our website. For the most current information access [www.hammondvalve.com](http://www.hammondvalve.com)