

8901

1/4"-3"

BRASS BALL VALVE
TWO-PIECE, FULL-PORT
600 WOG / 150 SWP
THREADED ENDS *

MSS-SP110
NSF61-8
FED. SPEC.
WW-V-35C, II, BZ, 3, C

CS
 C US
 ANSI Z 21.15-1997 Z CGA 9.1-M97
 3-88 IAS, CR91-002
 ASME 16.33-1990
 CAN/CGA-3.16-M88

UL
 c US
 UL 125
 UL 842
 Subject 258

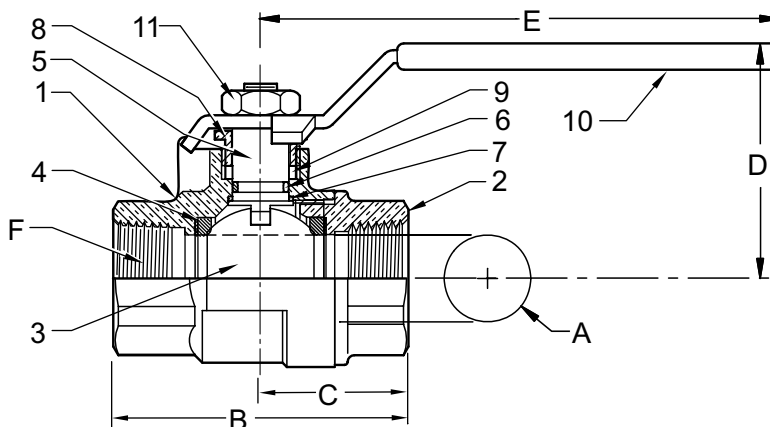
FM
 APPROVED
 1140

1/2" through 2" (8901)

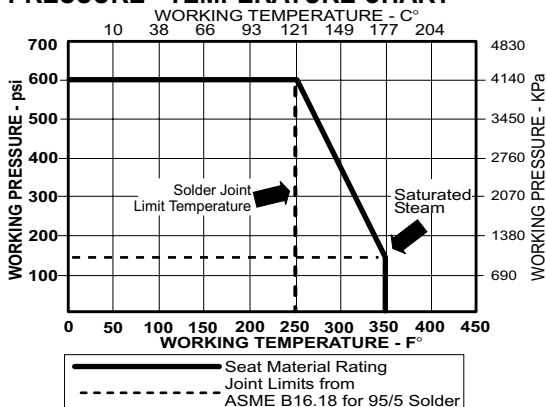
MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Brass, Forged	B283
2	Tailpiece	Brass, Forged	B283
3	Ball	Brass w/Chrome Plating	B584
4	Ball Seal	PTFE	Commercial
5	Stem	Brass	B16
6	O-Ring	Buna-N	D2006
7	Thrust Washer	PTFE	Commercial
8	Gland Nut	Brass	B16
9	Packing	PTFE	Commercial
10	Handle	Zinc Die Cast	B633
11	Handle Nut	Brass	B16

* Also Available 8901-07
 (Locks only in closed position)



PRESSURE - TEMPERATURE CHART



VACUUM SERVICE TO 29 INCHES Hg

DIMENSIONS

VALVE SIZE	UNITS	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3
A (DIA)	INCHES	.39	.39	.51	.76	1.00	1.26	1.50	2.00	2.48	2.95
	mm	9.9	9.9	13.0	20.1	25.4	32.0	38.1	50.8	63.0	74.9
B	INCHES	1.84	1.84	2.28	2.68	3.11	3.72	4.03	4.72	5.16	6.00
	mm	46.7	46.7	57.9	68.1	79.0	94.5	102.4	119.9	131.1	152.4
C	INCHES	0.92	0.92	1.14	1.34	1.55	1.86	2.02	2.36	2.58	3.00
	mm	23.4	23.4	29.0	34.0	39.4	47.2	51.2	59.9	65.5	76.2
D	INCHES	1.50	1.50	1.61	2.09	2.24	2.76	2.91	3.66	3.94	4.37
	mm	38.1	38.1	40.9	53.1	56.9	70.1	73.9	93.0	100.1	111.0
E	INCHES	3.31	3.31	3.31	4.65	4.65	5.28	5.28	7.87	7.87	7.87
	mm	84.1	84.1	84.1	118.1	118.1	134.1	134.1	199.9	199.9	199.9
F	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
Cv	GPM	11.5	11.5	17.9	40.3	71.6	111.9	161.2	286.6	447.8	644.8
TORQUE	in-lb	19	19	19	58	69	89	124	201	445	563
WEIGHT	lbs	0.37	0.33	0.50	1.03	1.40	2.10	2.86	5.94	7.40	10.47
	Kg	0.17	0.15	0.22	0.47	0.63	0.95	1.30	2.69	3.35	4.75

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

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