

BA475B/485B

1/4" - 3"

FORGED TWO-PIECE, BRASS, FULL-PORT BALL VALVE
600 WOG / 150 SWP
VACUUM SERVICE TO 29 INCHES Hg

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

CSA
 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

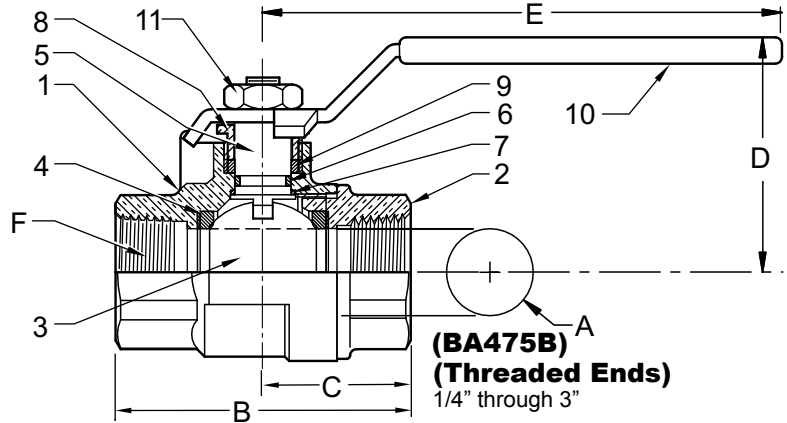
UL US
 UL 125
 UL 842
 Subject 258

FM
 APPROVED
 1140

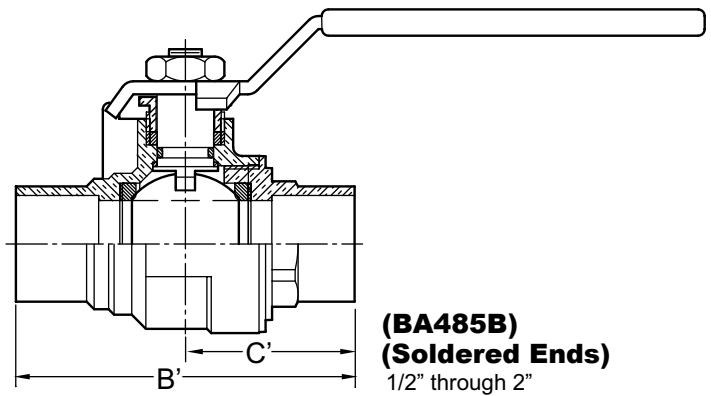
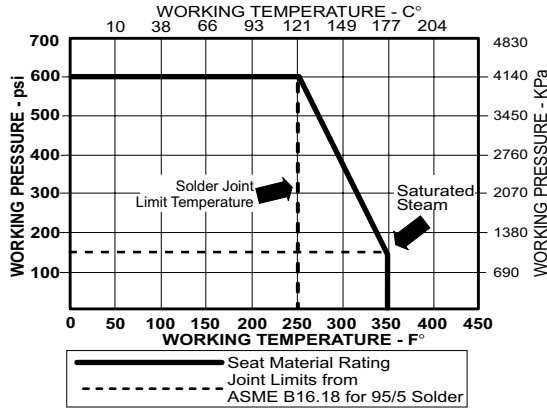
1/2" through 2" (BA475B)

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	Gland Packing	PTFE	Commercial
10	Handle	Zinc Die Cast	B633
11	Handle Nut	Brass	B16



PRESSURE - TEMPERATURE CHART



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	0.39	0.39	0.51	0.79	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
B'	INCHES	NA	NA	2.26	3.07	3.57	4.13	4.63	5.75	NA	NA
	mm	NA	NA	57.4	78.0	90.7	104.9	117.6	146.1	NA	NA
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
C'	INCHES	NA	NA	1.13	1.54	1.79	2.07	2.32	2.88	NA	NA
	mm	NA	NA	28.7	39.0	45.3	52.5	58.8	73.0	NA	NA
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		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
	lbs	0.37	0.33	0.50	1.03	1.40	2.10	2.86	5.94	7.40	10.47
WEIGHT	Kg	0.17	0.15	0.22	0.47	0.63	0.95	1.30	2.69	3.35	4.75
	lbs	NA	NA	0.42	0.92	1.27	1.91	2.53	4.96	NA	NA
	Kg			0.19	0.42	0.57	0.86	1.15	2.25		

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