



# UP647 3/8"-2"



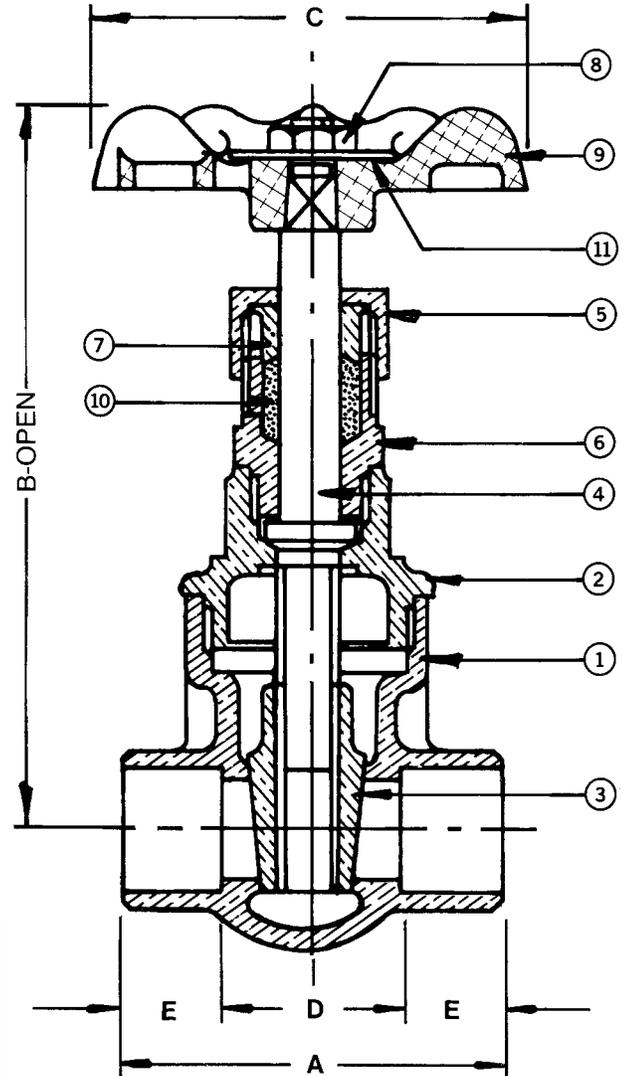
**Bronze Gate Valve for Potable Water**  
**300 psig WOG †**  
**Solid Wedge Disc • Non-Rising Stem**  
**Threaded Bonnet • Solder Ends**

**Dimensions and Workmanship Conform to MSS SP-80**

## MATERIALS LIST

ITEM	PART	MATERIALS	ASTM SPEC.
1	Body	Bronze	B584 C89833
2	Bonnet	Bronze	B584 C89833
3	Wedge	Bronze	B584 C89833
4	Stem	Brass	B21 C46400, H02
5	Stuff Nut	Brass	B283 C37700
6	Check Nut	Brass	B283 C27450
7	Gland <sup>1</sup>	Brass	B283 C37700
8	Wheel Nut	Brass	Commercial
9	Handwheel	Mall. Iron	Commercial
10	Packing	Graphite	Commercial
11	Name Plate	Sh. Alum	Commercial

1 Not used on 1/2" and smaller



## DIMENSIONS

Units	Size	A	B	C	D	E	Cv
INCHES	3/8	1.63	3.56	2.00	0.88	0.38	10.7
mm		41	91	51	22	10	
INCHES	1/2	1.88	3.56	2.00	0.88	0.50	17.6
mm		48	91	51	22	13	
INCHES	3/4	2.50	4.75	2.50	1.00	0.75	32.0
mm		64	121	64	25	19	
INCHES	1	3.00	5.00	2.75	1.19	0.91	54.0
mm		76	127	70	30	23	
INCHES	1 1/4	3.25	5.88	3.44	1.31	0.97	97.0
mm		83	149	87	33	25	
INCHES	1 1/2	3.63	6.50	3.75	1.44	1.09	135.0
mm		92	165	95	37	28	
INCHES	2	4.31	7.44	3.75	1.63	1.34	230.0
mm		110	189	95	41	34	

† Non-Shock

**Note:** Lead free refers to the wetted surface of the pipe, fittings and fixtures in potable water systems that have a weighted average lead content  $\leq 0.25\%$ . Source: California Health and Safety Code (116875).

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⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

