

SMITH-COOPER INTERNATIONAL

**171 8501L Series
171 8502L Series**

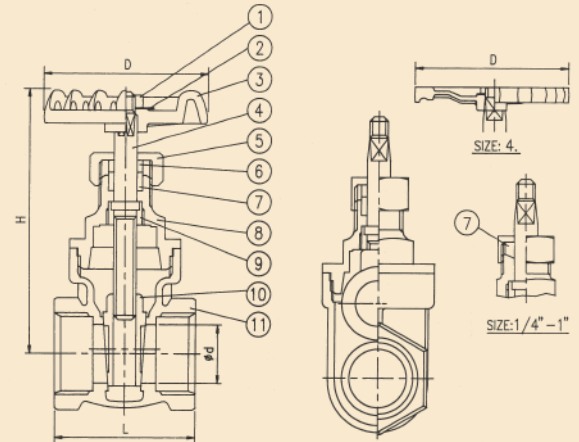
Lead Free

GATE VALVES

- Full Port (1/4" - 3")
- 200# WOG
- California AB1953 Lead Free Approved
- Metal to Metal Bonnet/Body Seating Surfaces
- Solid Wedge Disc

- Screwed In Bonnet
- Cast Brass
- Non Rising Stem
- ANSI/NSF 61.8 Approved
- ISO 9001 Manufacturer

No. Part	Materials Specification
① Nut	Forged Steel ASTM - AISI-1010
② Name Plate	Aluminum ASTM B-209, Alloy 1100
③ Hand-wheel	Cast Iron ASTM A-48, Class No. 35
④ Stem	Brass ASTM B-16, C36000
⑤ Packing Nut	Brass ASTM B-16, C36000 (1/4" - 1")
⑥ Packing Nut	Cast Brass ASTM B-584, C85700 (1-1/2" - 4")
⑦ Gland Follower	Brass ASTM B-16, C36000
⑧ Packing	Graphite
⑨ Bonnet	Cast Brass ASTM B-584, C89550
⑩ Stem Lock Nut	Brass ASTM B-16, C36000
⑪ Disc	Cast Brass ASTM B-584, C89550
⑫ Body	Cast Brass ASTM B-584, C89550



171 8501L SERIES

BRASS GATE VALVE, THREADED

Size	Fig. #	Weight	Box/Case	L	H	D	d
1/4	171 8501 CL	0.55	12/72	1.71	2.83	2.01	.43
3/8	171 8501 EL	0.54	12/72	1.71	2.83	2.01	.47
1/2	171 8501 GL	0.58	12/72	1.71	2.91	2.01	.53
3/4	171 8501 IL	0.81	14/56	1.81	3.31	2.20	.75
1	171 8501 KL	1.15	5/40	2.13	3.90	2.56	.98
1-1/4	171 8501 LL	1.78	3/18	2.24	4.61	2.76	1.26
1-1/2	171 8501 ML	2.19	6/24	2.44	5.08	3.11	1.50
2	171 8501 NL	3.30	4/16	2.68	5.98	3.70	1.93



171 8502L SERIES

BRASS GATE VALVE, SOLDER END

Size	Fig. #	Weight	Box/Case	L	H	D	d
3/8	171 8502 EL	0.53	12/72	1.69	2.83	2.01	.47
1/2	171 8502 GL	0.53	12/72	1.69	2.91	2.01	.53
3/4	171 8502 IL	0.73	14/56	2.32	3.31	2.20	.75
1	171 8502 KL	1.08	5/40	2.72	3.90	2.56	.98
1-1/4	171 8502 LL	1.63	3/18	2.95	4.61	2.76	1.26
1-1/2	171 8502 ML	2.00	6/24	3.31	5.08	3.11	1.50
2	171 8502 NL	3.30	4/16	3.98	5.98	3.70	1.93

