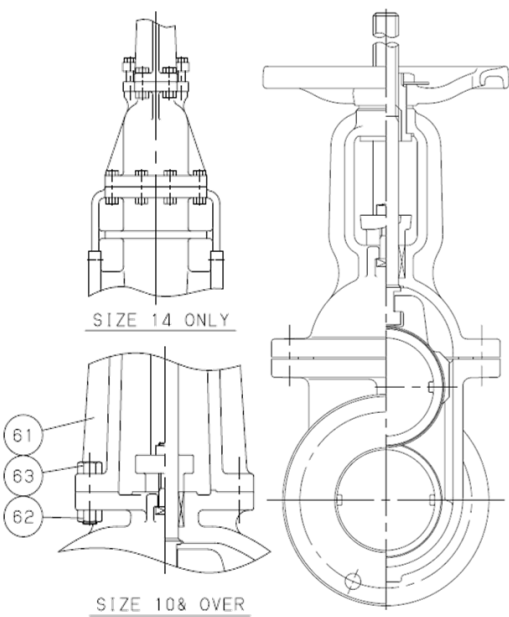
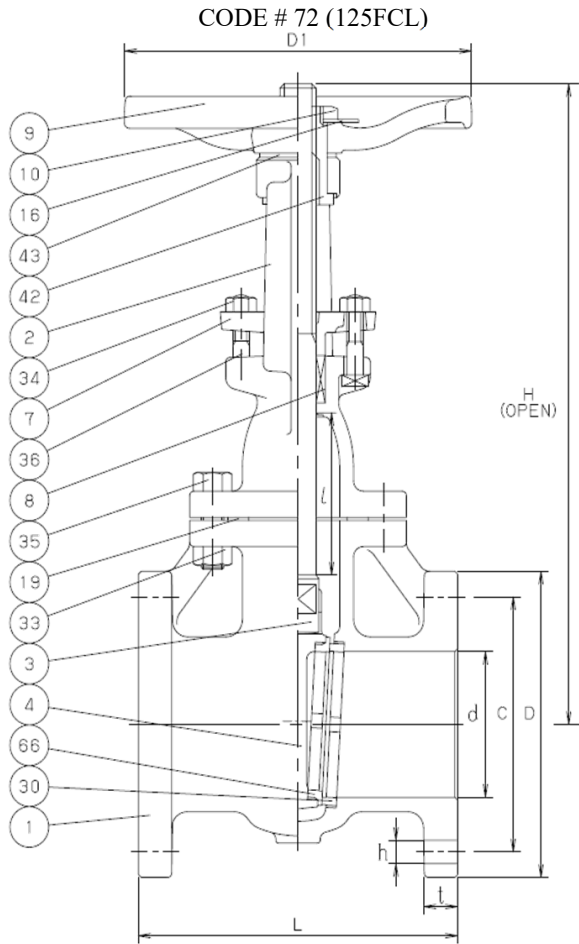


# GATE CLASS 125 CAST IRON

Outside Screw & Yoke • Bolted Bonnet  
Bronze Mounted • Solid Wedge Disc



STANDARDS	
END TO END	ANSI B16.10, CLASS 125
END CONNECTION	ANSI B16.1, CLASS 125
DESIGN	MSS SP-70, TYPE I
MILITARY	MSS SP-70, TYPE I

PRESSURE/TEMPERATURE	
125 PSI - SATURATED STEAM TO 353°F - FLUID TO 450°F	
100 PSI - SATURATED STEAM, FLUID TO 353°F (14" only)	
200 PSI NON-SHOCK COLD WATER, OIL OR GAS	
150 PSI NON-SHOCK COLD WATER, OIL OR GAS (14" only)	

MATERIAL LIST		
NO.	NAME OF PART	SPECIFICATION
1	BODY	CAST IRON (A126 CLASS B)
2	BONNET	CAST IRON (A126 CLASS B)
3	STEM	FORGED BRASS (B124, C37700)
4	DISC	CAST IRON (A126 CLASS B)
7	GLAND	DUCTILE IRON (A395)
8	GLAND PACKING	FLEXIBLE GRAPHITE WITH ARAMID FIBER
9	HAND WHEEL (2-10)	CAST IRON
	(12 & 14)	DUCTILE IRON
10	WHEEL NUT (2-12)	DUCTILE IRON
	(14)	CARBON STEEL
16	NAME PLATE	ALUMINUM
19	GASKET (2-12)	GRAPHITE
	(14)	NON-ASBESTOS SHEET WITH ARAMID FIBER
30	BODY SEAT RING	CAST BRONZE (B62)
33	BONNET NUT	CARBON STEEL (CLASS 4)
34	GLAND NUT	CARBON STEEL (CLASS 4)
35	BONNET BOLT	CARBON STEEL (CLASS 4.8)
36	GLAND BOLT	CARBON STEEL (CLASS 4.8)
42	YOKE SLEEVE (2-12)	BRASS
	(14)	CAST BRONZE (B62)
43	WHEEL WASHER	CAST BRONZE (B62)
61	YOKE	CAST IRON (A126 CLASS B)
62	YOKE NUT	CARBON STEEL (CLASS 4)
63	YOKE BOLT	CARBON STEEL (CLASS 4.8)
66	DISC SEAT RING	CAST BRONZE (B62)

DIMENSIONS - WEIGHTS												
SIZE	d	H	D1	L	l	D	BOLT HOLE			t	APPROX. NET WT.	
							C	No.	h			
2	1.97	12.95	6.30	7.00	2.32	6.00	4.75	4	3/4	5/8	0.62	33
2 1/2	2.56	15.08	6.69	7.50	2.91	7.00	5.50	4	3/4	5/8	0.69	43
3	3.15	17.20	6.69	8.00	3.54	7.50	6.00	4	3/4	5/8	0.75	53
4	3.94	21.02	8.86	9.00	4.37	9.00	7.50	8	3/4	5/8	0.94	81
5	4.92	24.76	8.86	10.00	5.39	10.00	8.50	8	7/8	3/4	0.94	116
6	5.91	28.62	9.84	10.50	6.38	11.00	9.50	8	7/8	3/4	1.00	157
8	7.87	36.22	11.02	11.50	8.39	13.50	11.75	8	7/8	3/4	1.12	244
10	9.84	44.69	13.78	13.00	10.43	16.00	14.25	12	1	7/8	1.19	394
12	11.81	53.70	17.72	14.00	12.40	19.00	17.00	12	1	7/8	1.25	588
14	13.39	61.46	19.69	15.00	14.17	21.00	18.75	12	1 1/8	1	1.38	794