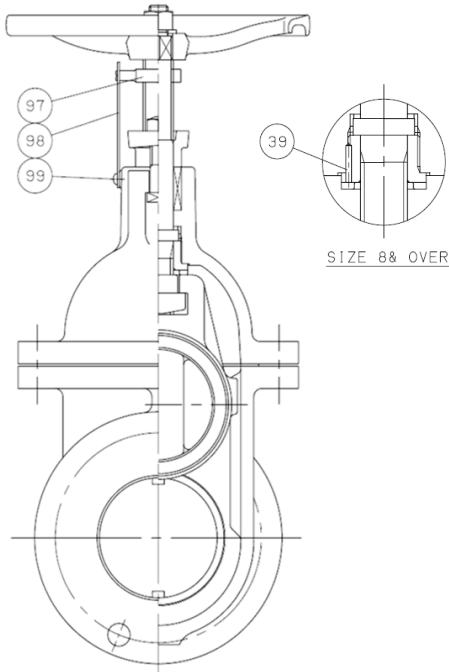
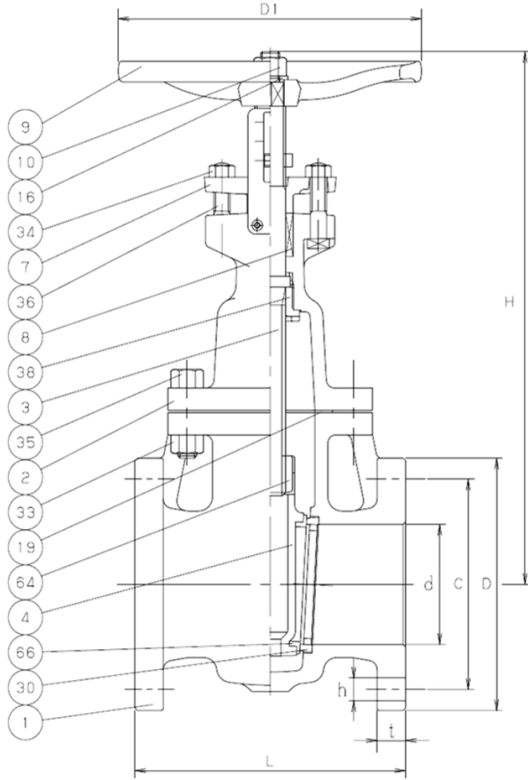


GATE

CLASS 125 CAST IRON

Non-Rising Stem • Bolted Bonnet with Open/Close Indicator
Bronze Mounted • Solid Wedge Disc

CODE # 75 (125FCWI)



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	
200 PSI NON-SHOCK COLD WATER, OIL OR GAS	

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	FLEXBLE GRAPHITE WITH ARAMID FIBER
9	HAND WHEEL (2-8)	CAST IRON
	(10 & 12)	DUCTILE IRON
10	WHEEL NUT	CARBON STEEL
16	NAME PLATE	ALUMINUM
19	GASKET	GRAPHITE
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)
38	BONNET BUSH	CAST BRONZE (B62)
39	SPLIT PIN (8 -12)	CARBON STEEL
64	STEM NUT	CAST BRONZE (B62)
66	DISC SEAT RING	CAST BRONZE (B62)
97	INDICATOR	ZINC DIE-CAST
98	PLATE	ALUMINUM
99	SET BOLT	CARBON STEEL

DIMENSIONS - WEIGHTS											
SIZE	d	H	D1	L	D	BOLT HOLE			BOLT SIZE	t	APPROX. NET WT.
						C	No.	h			
2	1.97	12.36	7.09	7.00	6.00	4.75	4	3/4	5/8	0.62	39
2 1/2	2.56	13.58	7.09	7.50	7.00	5.50	4	3/4	5/8	0.69	50
3	3.15	15.83	7.87	8.00	7.50	6.00	4	3/4	5/8	0.75	59
4	3.94	17.52	9.84	9.00	9.00	7.50	8	3/4	5/8	0.94	90
5	4.92	20.51	11.02	10.00	10.00	8.50	8	7/8	3/4	0.94	128
6	5.91	22.72	11.81	10.50	11.00	9.50	8	7/8	3/4	1.00	174
8	7.87	27.28	13.78	11.50	13.50	11.75	8	7/8	3/4	1.12	260
10	9.84	32.05	15.75	13.00	16.00	14.25	12	1	7/8	1.19	416
12	11.81	36.77	17.72	14.00	19.00	17.00	12	1	7/8	1.25	581