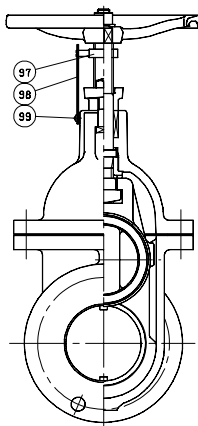
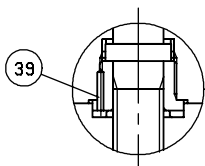
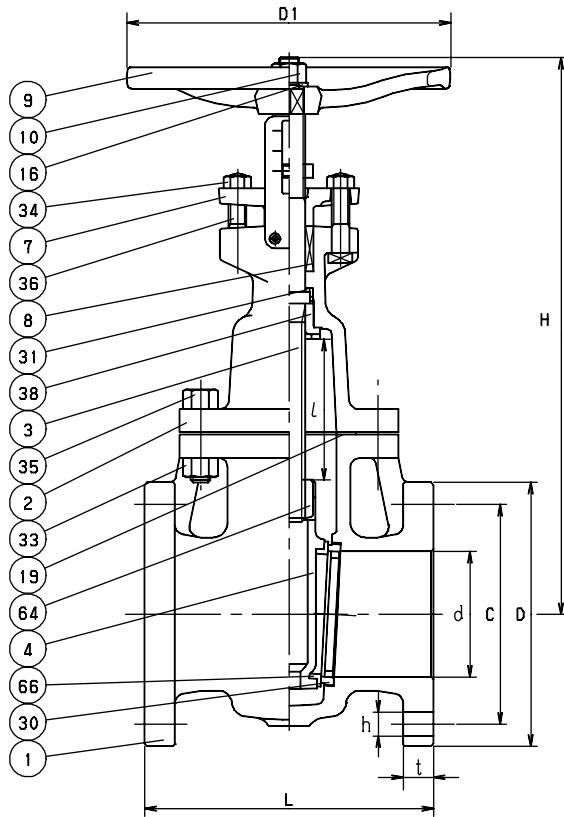


GATE

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 1
MILITARY	MSS SP-70, TYPE 1

PRESSURE/TEMPERATURE	
125 PSI - SATURATED STEAM TO 353°F	
- FLUID TO 406°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 (1S)	NON-ASBESTOS PACKING
9	HAND WHEEL	CAST IRON (A126 CLASS B)
10	WHEEL NUT	CARBON STEEL (A307 Gr. B)
16	NAME PLATE	ALUMINUM
19	GASKET	NON ASBESTOS SHEET
30	BODY SEAT RING (2)	CAST BRONZE (B62)
33	BONNET NUT (1S)	CARBON STEEL (A307 Gr. B)
34	GLAND NUT (2)	CARBON STEEL (A307 Gr. B)
35	BONNET BOLT (1S)	CARBON STEEL (A307 Gr. B)
36	GLAND BOLT (2)	CARBON STEEL (A307 Gr. B)
38	BONNET BUSH	CAST BRONZE (B62)
39	SET PIN	CARBON STEEL
64	STEM NUT	CAST BRONZE (B62)
66	DISC SEAT RING (2)	CAST BRONZE (B62)
97	INDICATOR	ZINC DIE-CAST (B85)
98	PLATE	ALUMINUM
99	SET BOLT (2)	CARBON STEEL (A307 Gr. B)

1S = 1 Set

DIMENSIONS - WEIGHTS - QUANTITIES												
d2 SIZE	d	H	D1	L	l	D	BOLT HOLE		BOLT SIZE	t	APPROX. NET WT.	
							C	No.				
2	1.97	9.84	5.51	7.00	2.36	6.00	4.75	4	.75	5/8	.62	39
2½	2.56	11.22	6.30	7.50	2.95	7.00	5.50	4	.75	5/8	.69	50
3	3.15	13.78	6.30	8.00	3.58	7.50	6.00	4	.75	5/8	.75	59
4	3.94	15.75	7.09	9.00	4.41	9.00	7.50	8	.75	5/8	.94	90
5	4.92	18.31	8.86	10.00	5.39	10.00	8.50	8	.88	3/4	.94	128
6	5.91	20.28	8.86	10.50	6.30	11.00	9.50	8	.88	3/4	1.00	174
8	7.87	24.80	11.81	11.50	8.39	13.50	11.75	8	.88	3/4	1.12	260
10	9.84	29.92	13.78	13.00	10.39	16.00	14.25	12	1.00	7/8	1.19	416
12	11.81	34.25	13.78	14.00	12.60	19.00	17.00	12	1.00	7/8	1.25	581