

Non-Rising Stem, Screwed Bonnet, Solid Wedge Disc, Screwed Ends.

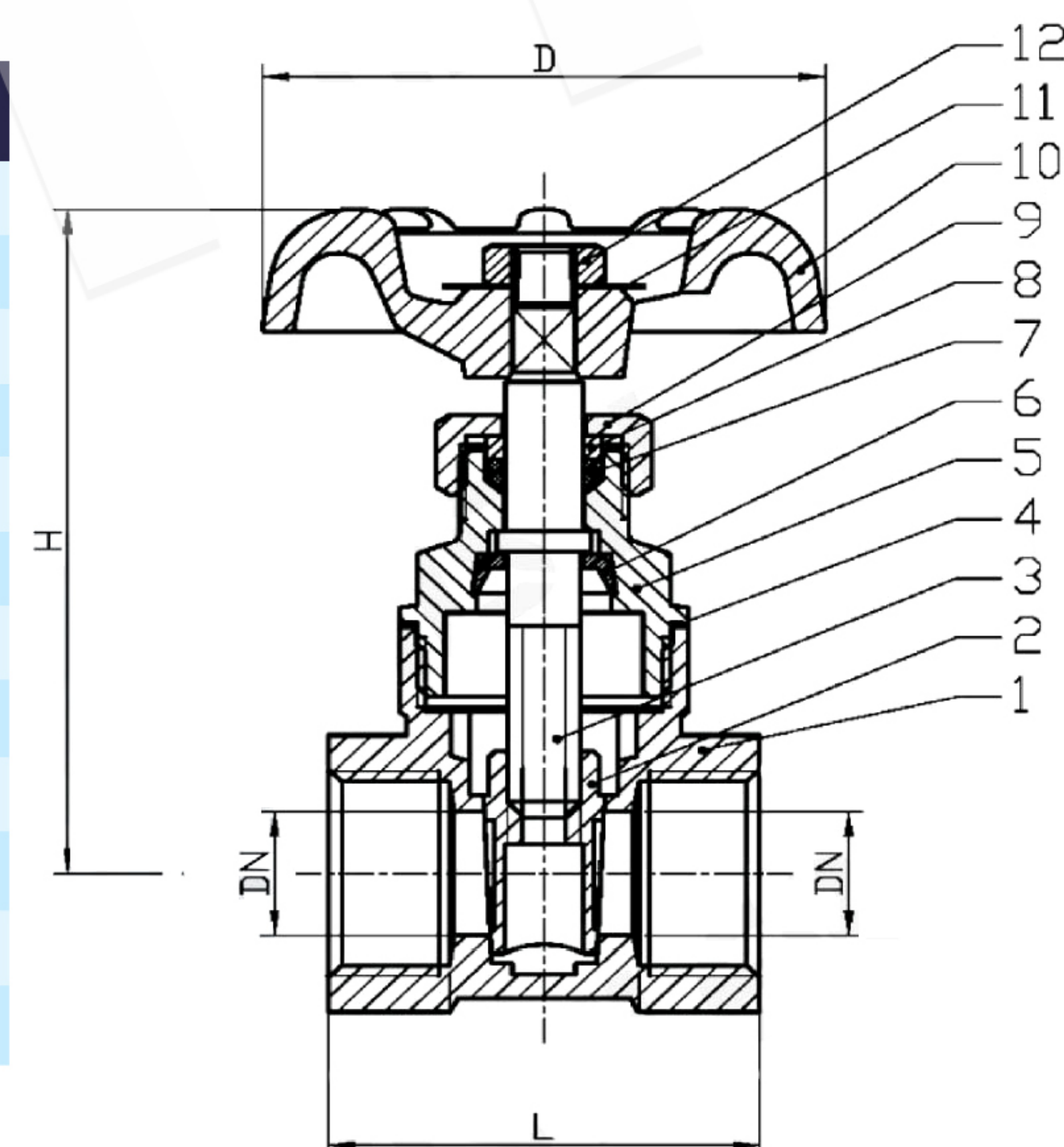
MSS Specification Valve

FEATURE

- Suitable Medium : Water, Sea Water, Non-causticity
: liquid, Saturated Steam
- Max.Working Pressure : 200 PSI
- Max.Temperature : -10° to 100° C
- Thread : BS 21

GATE VALVE

Fig. GV-1101 (Reduced)



WORK PRESSURE		TEST	
Saturated Steam		Cold Water, Oil, Gas	
Psi	125	200	
Bar	10.3	13.8	
		Shell (Water)	Seat (Air)
		300	80
		20.7	5.5

MATERIALS

NO.	NAME OF PARTS	MATERIAL	ASTM SPECIFICATIONS
1	Body	Forged Brass	B283-C37700
2	Wedge	Forged Brass	B283-C37700
3	Stem	Forged Brass	B124-C37700
4	Washer	PTFE	
5	Bonnet	Forged Brass	B283-C37700
6	Screw	Forged Brass	B283-C37700
7	Packing	PTFE	
8	Gland	Forged Brass	B124-C37700
9	Hex Nut	Forged Brass	B21-C37700
10	Hand Wheel	Cast Iron	A126 Class B
11	Name Plate	Aluminium plate	B209-1000
12	Wheel Nut	Steel (Zinc plated)	B307 Gr.A

Note :

- End threads conform to the British standard taper pipe threads.
- Each valve is individually tested for seat and shell tightness.
- Minimum and maximum working temperature - 10° to 100°C
- These valve conform to the requirements of MSS SP-110

DIMENSIONS

SIZE	DN	H	D	L	Unit : mm. Weight / kgs
1/2"	15	66	53	41	0.24
3/4"	20	75	53	46	0.28
1"	25	81	59	48	0.39
1.1/4"	32	91	72	57	0.61
1.1/2"	40	103	72	64	0.8
2"	50	129	79	65	1.15
2.1/2"	65	170	99	79	2.3
3"	80	180	107	83	2.75