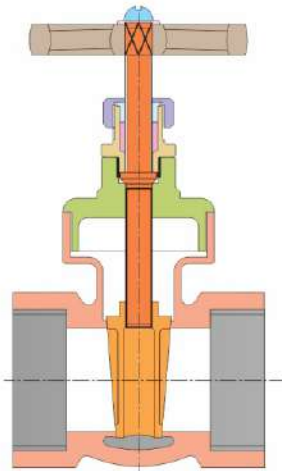


GUN METAL



INCH.	MM	PER PC.
1/2"	15	Rs. 625/-
3/4"	20	Rs. 875/-
1"	25	Rs. 1125/-
1 1/4"	32	Rs. 1875/-
1 1/2"	40	Rs. 2250/-
2"	50	Rs. 3125/-
2 1/2"	65	Rs. 5000/-
3"	80	Rs. 7500/-
4"	100	Rs. 14500/-

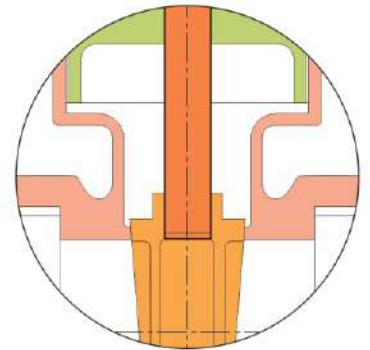
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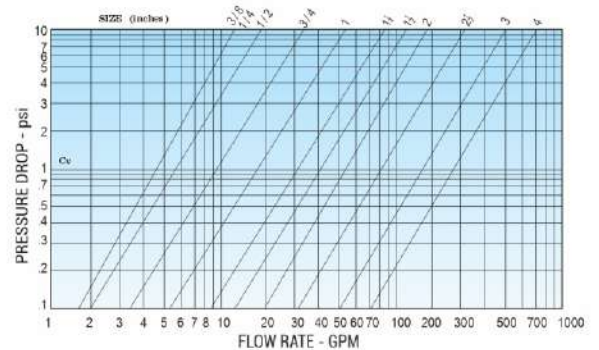
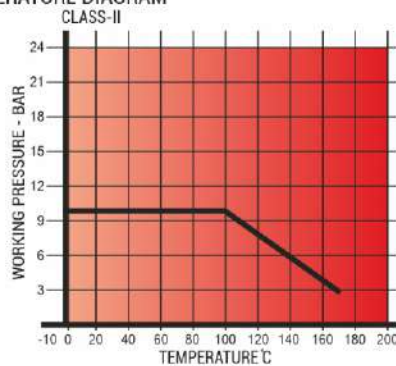
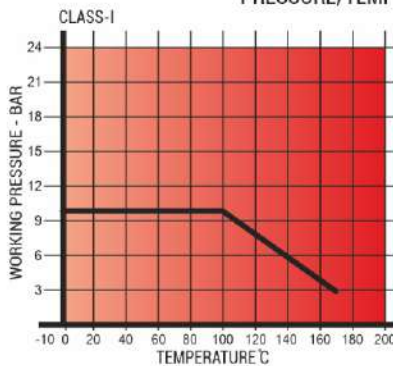
- Item Code: IS 001 & IS 007
- Pressure Rating: CL-1 & CL-2
- Testing Standard: IS 6157
- Size Range: 8mm to 100mm
- Product Standard: IS 778

GATE VALVE

- BODY 1
- WEDGE 2
- STEM 3
- BONNET 4
- STUFFING BOX 5
- PACKING 6
- GLAND 7
- GLAND NUT 8
- HAND WHEEL 9
- WASHER 10
- SET SCREW 11



PRESSURE/TEMPERATURE DIAGRAM



PRINCIPAL FEATURES

- Design Std.: IS:778.
- Screwed in bonnet, inside screw non-rising stem, integral seat.
- Screwed female parallel threads to IS:554.
- Heavy duty full bore long threads.
- Extra strength of stem with high tensile brass.
- Provision for repacking under pressure in the installed condition.
- Sheet metal handwheel offers better strength & convenient operation.
- Easy visual control of open / closed position marked on the handwheel / name plate
- Available with open-shut indicator & locking arrangement on request.

END CONNECTION

- Screwed female threads IS:554 (Parallel).

UTILISATION & SERVICE

- "SHREE" Gun Metal Gate valves are suitable for above-ground installations.
- Best suited for potable water, treated fresh water, neutral liquids, Air & some gases.

PRESSURE RATING: CL-1 & CL-2

TEST PRESSURE (Hydrostatic)

CLASS - 1	
BODY	SEAT
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)

WORKING PRESSURE

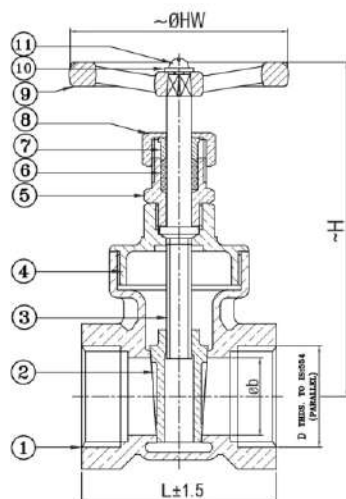
- Maximum Working Pressure: (Class-I) 10 Bar, (Class-II) 16 Bar.
- See Pressure / Temperature Diagram.

TEMPERATURE LIMITS

- Maximum working temperature: 45°C.
- See Pressure / Temperature Diagram.

TEST PRESSURE (Hydrostatic)

CLASS - 2	
BODY	SEAT
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)



SUITABLE FOR WATER

DIMENSION TABLE

SIZE (mm)	8	10	15	20	25	32	40	50	65	80	100
L	50	50	60	60	70	80	90	100	105	125	160
Ob	10	10	15	20	25	32	40	50	65	80	100
D	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
~H	90	90	96	106	118	128	147	164	211	279	352
~ØHW	48	48	60	60	70	90	92	103	130	153	165
Item Code (CL-1)	IS001	IS001	IS001	IS001	IS001	IS001	IS001	IS001	IS001	IS001	IS001
Item Code (CL-1)	IS007	IS007	IS007	IS007	IS007	IS007	IS007	IS007	IS007	IS007	IS007

MATERIAL SPECIFICATION

P.NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	LEADED TIN BRONZE	IS 318 Gr. LTB2
2	WEDGE	LEADED TIN BRONZE/FORGEDBRASS	IS 318 Gr. LTB2/IS 6912 Gr. FLB
3	STEM	HIGH TENSILE BRASS	IS 6912 Gr. FHTB1
4	BONNET	LEADED TIN BRONZE/FORGED BRASS	IS 318 Gr. LTB2/ IS 6912 Gr. FLB
5	STUFFING BOX	LEADED TIN BRONZE/BRASS ROD	IS 318 Gr. LTB2/IS 6912 Gr. FHTB1
6	PACKING	HEMP & JUTE/ASBESTOS	IS 5414/IS 4687
7	GLAND	LEADED TIN BRONZE/BRASS ROD	IS 318 Gr. LTB2/IS 6912 Gr. FHTB1
8	GLAND NUT	LEADED TIN BRONZE/BRASS ROD	IS 318 Gr. LTB2/IS 6912 Gr. FHTB1
9	HAND WHEEL	CAST IRON (IS 210 Gr. FG200)/M.S.SHEET(POWDER COATING)	
10	WASHER	CARBON STEEL	
11	SET SCREW	CARBON STEEL	IS 1367

Note: The above data is subject to change without notice due to our continuing product improvement program.