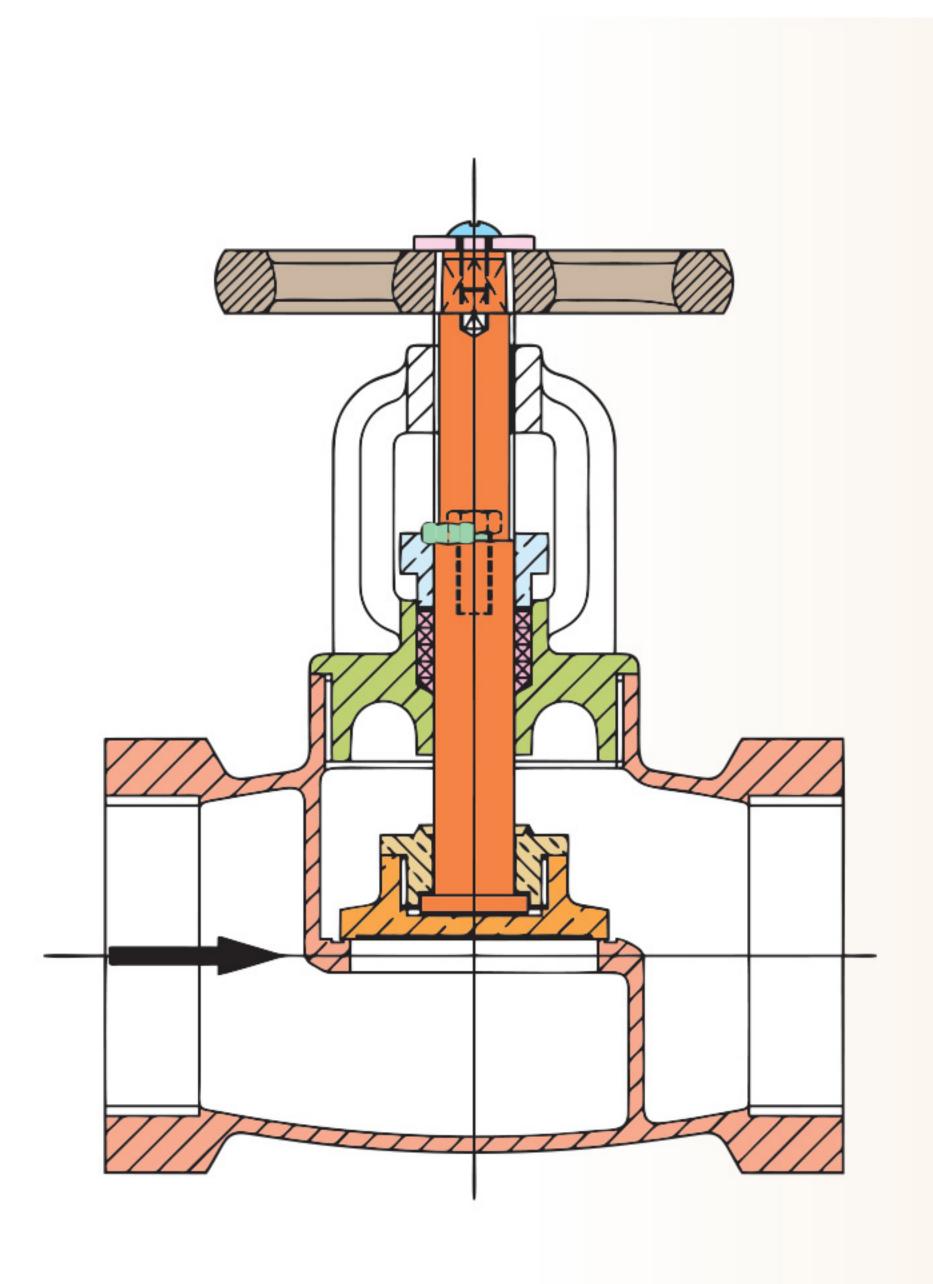
GUN METAL/BRONZE CM/L-0485757



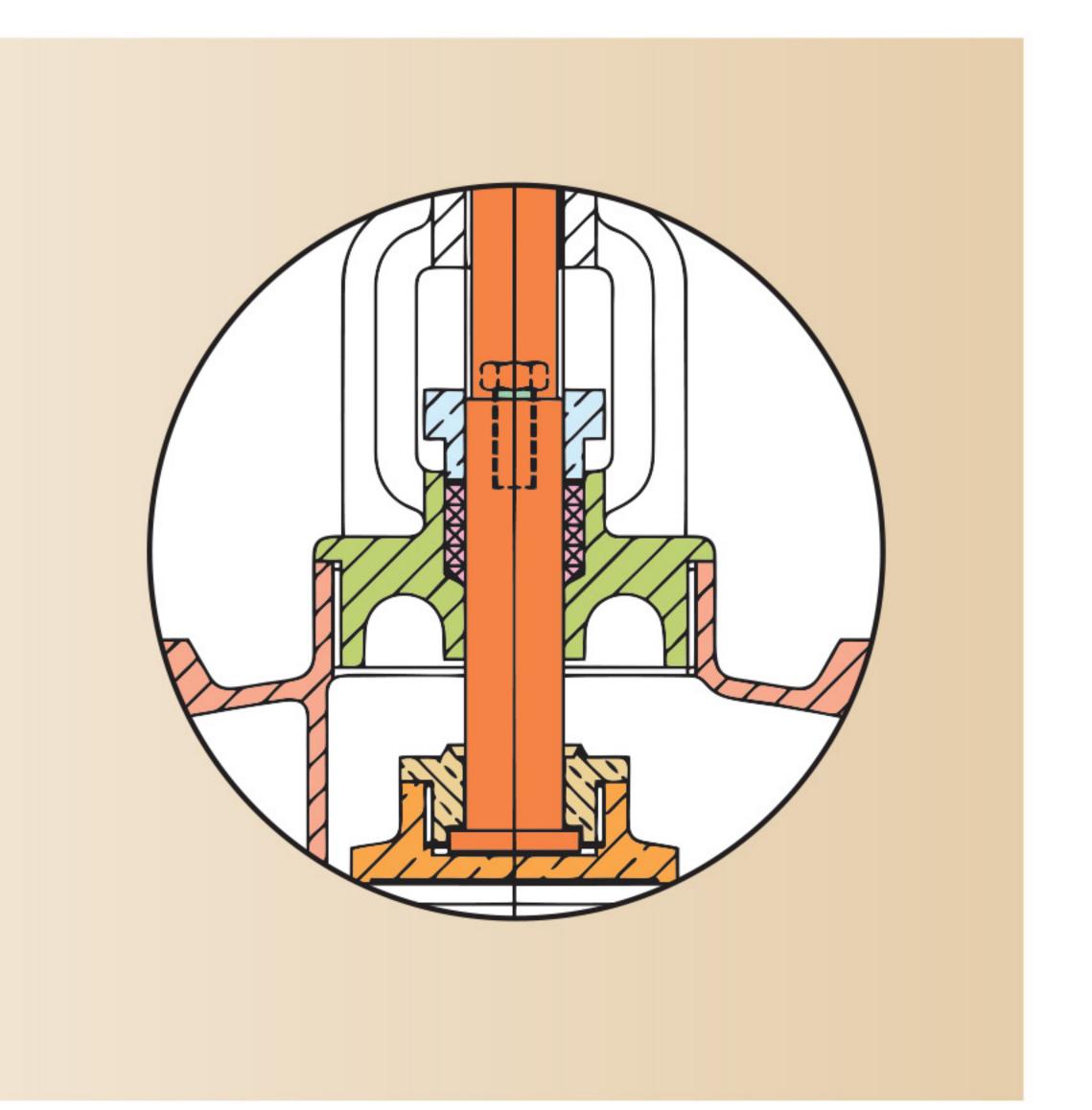
GLOBE VALVE



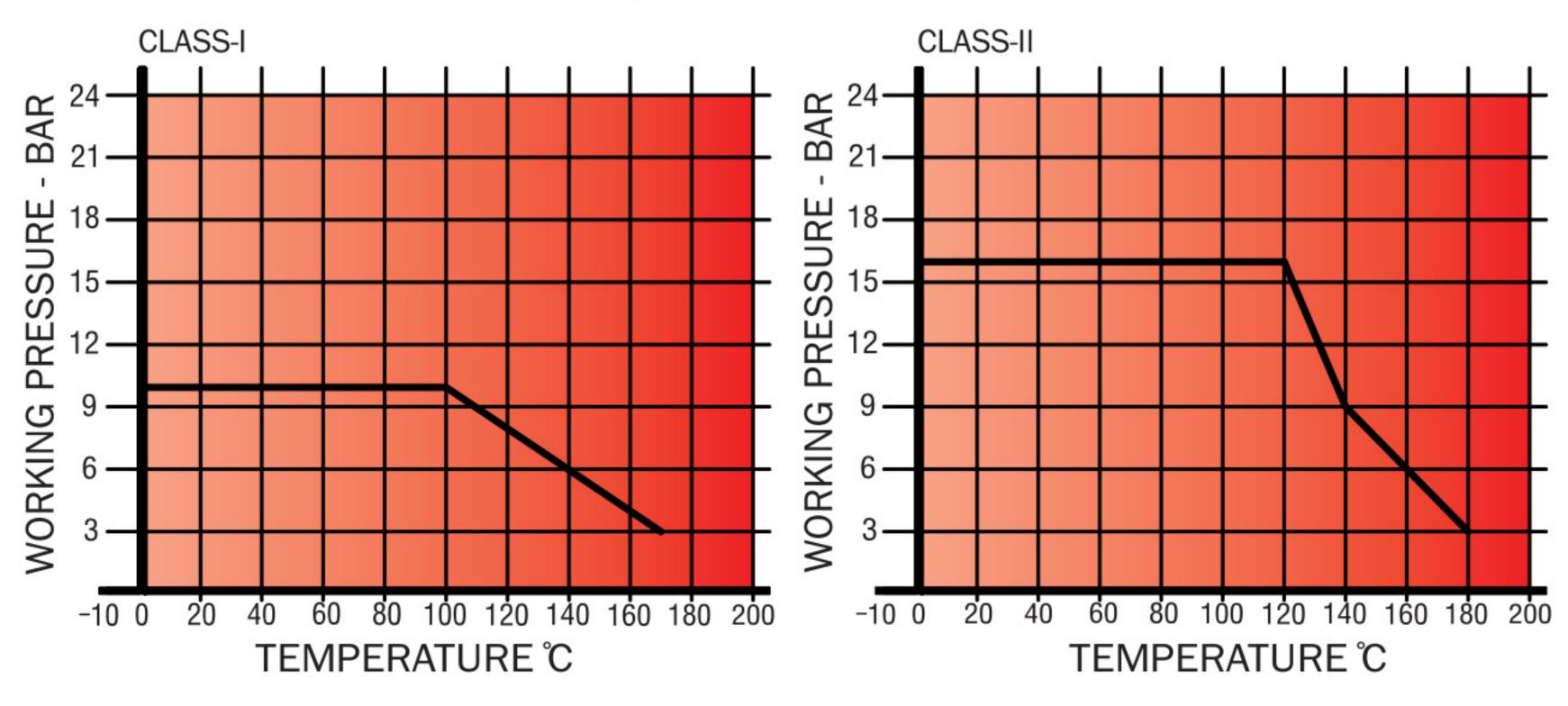
BODY 1 DISC 2 STEM NUT 3 BONNET 4 STEM 5 GLAND PACKING 6 GLAND 7 GLAND BOLTS & NUT 8 HAND WHEEL 9 WASHER 10 SET SCREW 11

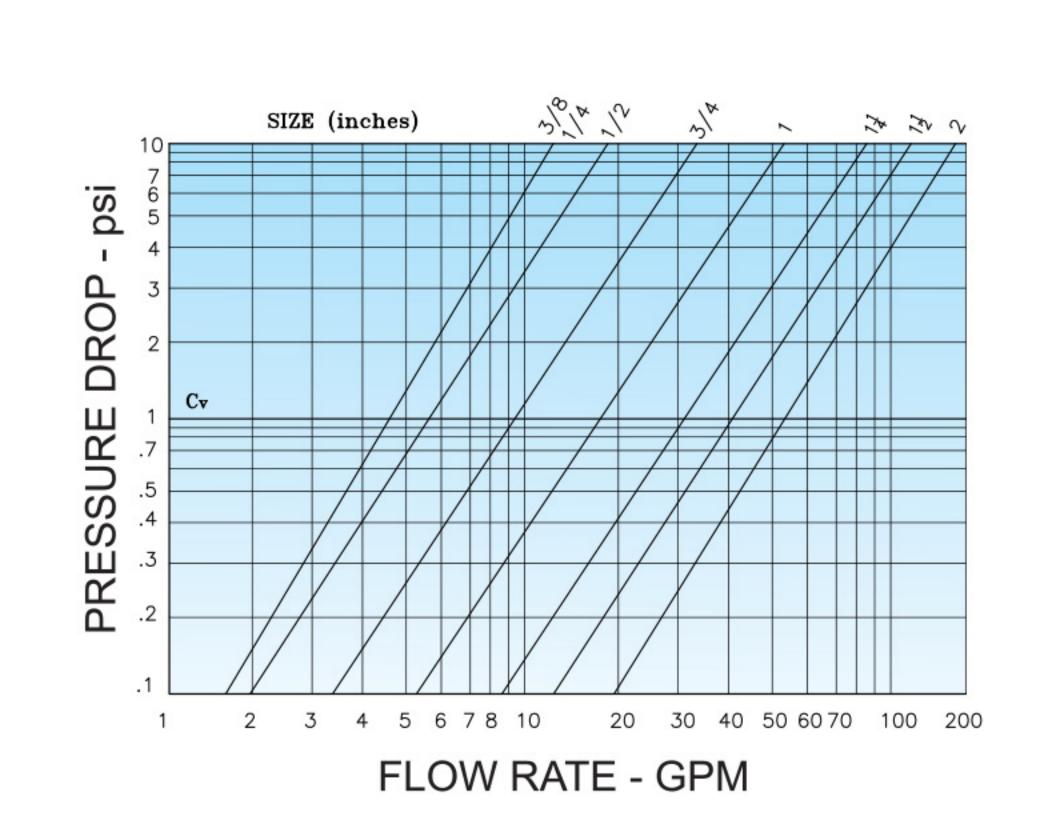


- Item Code: IS 014 & IS 018
- Pressure Rating: CL-1 & CL-2
- Testing Standard: IS 6157
- Size Range: 15mm to 50mm
- Product Standard: IS 778



PRESSURE/TEMPERATURE DIAGRAM







PRINCIPAL FEATURES

- Design Std.: IS:778.
- Screwed in bonnet, O/S Screw & Yoke type, rising stem, integral seat.
- Screwed female parallel threads to IS:554.
- Profiled contoured shape body for minimum pressure head loss.
- Extra strength of stem with high tensile brass.
- Provision for re-packing 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

- "LEADER" Gun Metal Globe valves are suitable for aboveground installations.
- Best suited for potable water, treated fresh water, neutral liquids & some gases.

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.

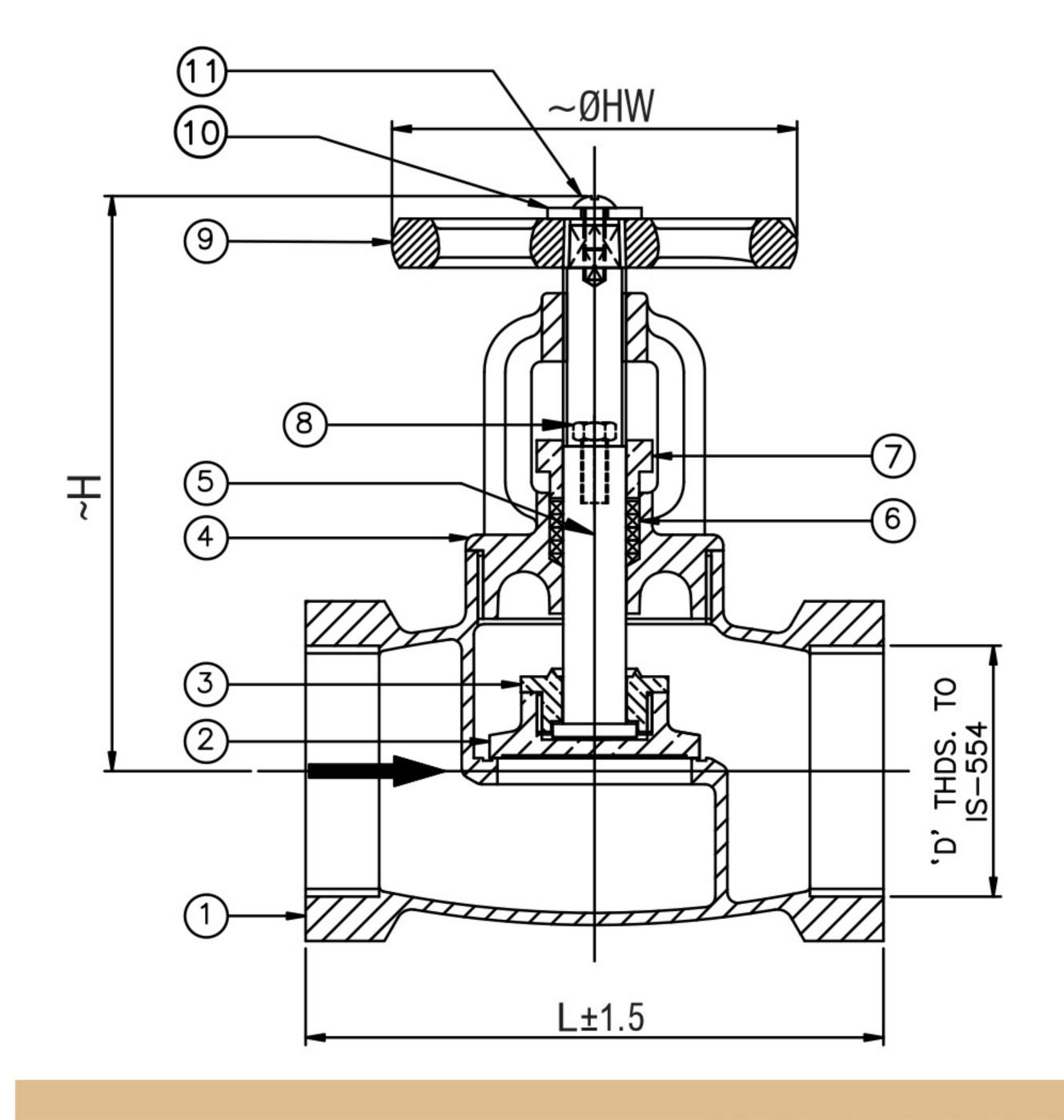
PRESSURE RATING: CL-1 & CL-2

TEST PRESSURE (Hydrostatic)

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

TEST PRESSURE (Hydrostatic)

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



SUITABLE FOR

Water	Oil	Air	Gases

	D	IMENS	SION 1	ABLE		
SIZE (mm)	15	20	25	32	40	50
L	60	70	80	95	110	125
~H	74	93	102	99	113	131
~ØHW	60	52	70	90	92	103
D	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Item Code (CL-1)	IS014	IS014	IS014	IS014	IS014	IS014
Item Code (CL-1)	IS018	IS018	IS018	IS018	IS018	IS018

MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION	
1	BODY	LEADED TIN BRONZE	IS 318 Gr. LTB2	
2	DISC	LEADED TIN BRONZE / HIGH TENSILE BRASS	IS 318 Gr. LTB2 / IS 6912 Gr. FHTB1	
3	STEM NUT	LEADED TIN BRONZE / FORGED BRASS	IS 318 Gr. LTB2 / IS 6912 Gr. FHTB1	
4	BONNET	LEADED TIN BRONZE	IS 318 Gr. LTB2	
5	STEM	HIGH TENSILE BRASS	IS 6912 Gr. FHTB1	
6	GLAND PACKING	HEMP & JUTE	IS 5414	
7	GLAND	LEADED TIN BRONZE / FORGED BRASS	IS 318 Gr. LTB2 / IS 6912 Gr. FHTB1	
8	GLAND BOLTS & NUTS	CARBON STEEL	IS 1363 Gr. 4.6 / IS 1313 Gr. 4	
9	HAND WHEEL	CAST IRON (IS 210 Gr. FG200) / M.S. SHEET (POWDER COATED)		
10	WASHER	CARBON STEEL	IS 2062	
11	SET SCREW	CARBON STEEL		