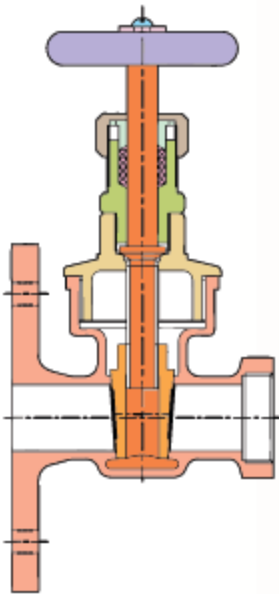
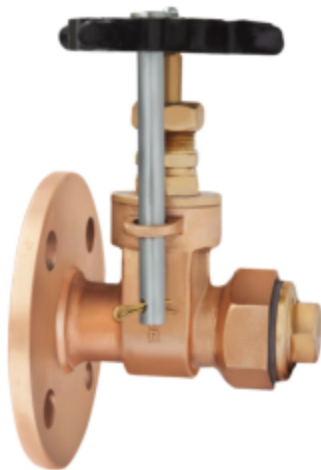


GUN METAL/BRONZE

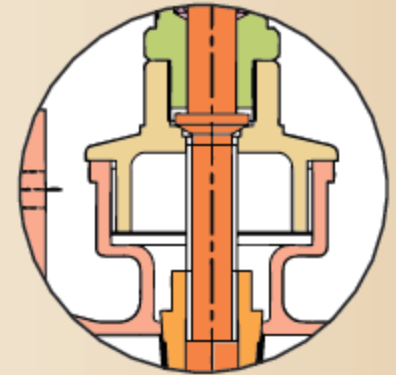
GATE VALVE



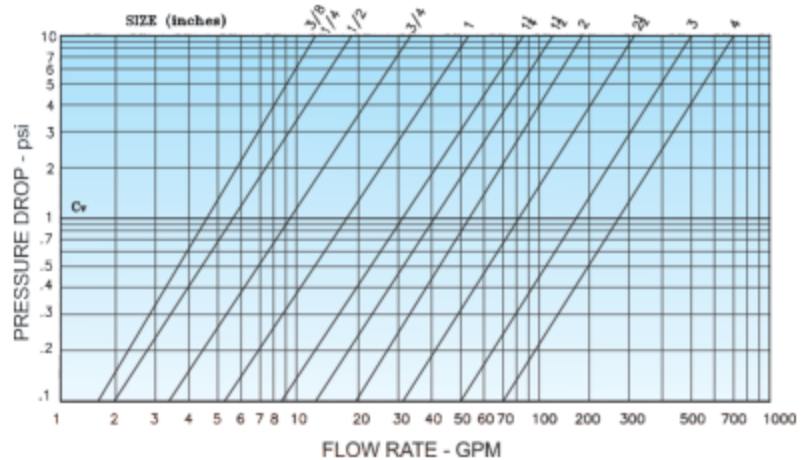
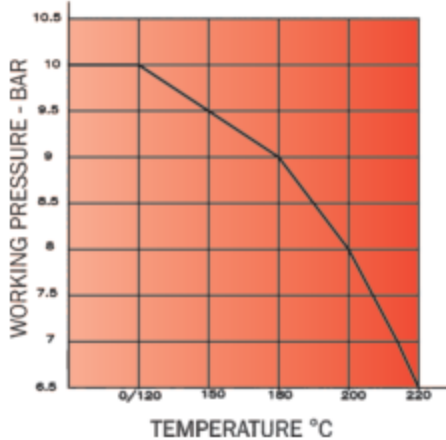
- BODY 1
- WEDGE 2
- STEM 3
- BONNET 4
- STUFFING BOX 5
- PACKING 6
- GLAND 7
- GLAND NUT 8
- HAND WHEEL 9
- WASHER 10
- SET SCREW 11



- **Item Code:** GM192
- **Pressure Rating:** PN-10
- **Testing Standard:** BSEN 12266 PART-1
- **Size Range:** 15mm to 100mm
- **Product Standard:** IS 778



PRESSURE/TEMPERATURE DIAGRAM



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

PRINCIPAL FEATURES:

- Design Std.: IS 778.
- Screwed in bonnet, inside screw non-rising stem.
- Heavy duty full bore ensures full flow with negligible pressure drop.
- Gun Metal / Brass working parts, integral seat.
- Mixed end, one end Flanged other end screwed female.
- Extra strength of stem with high tensile brass.
- Stem sealing by double O ring ensures zero leakage from the stuffing box.
- Provision for re-packing under pressure in the installed condition.
- Wear resistant solid and long lasting materials.
- Cast Iron Hand wheel with the provision of locking arrangement.
- Easy visual control of open / closed position marked on the handwheel / name plate.
- Available with open-shut indicator.
- All Valves are seepage tested with transformer oil at pressure 2 Kg/cm² and temperature 100 to 110 Deg. Cent with no visible leakage / seepage through seat, body / bonnet joint and stuffing box.

END CONNECTION:

- One End Flanged as per BS -10 Table 'D' (FF) and other End Screwed Female BSP Parallel Threads.

UTILISATION & SERVICE

- Best suited for transformer oil.

WORKING PRESSURE

- Maximum Working Pressure: 10 Bar.
- See Pressure / Temperature Diagram.

TEMPERATURE LIMITS:

- Maximum working temperature: 110°C.
- See Pressure / Temperature Diagram.

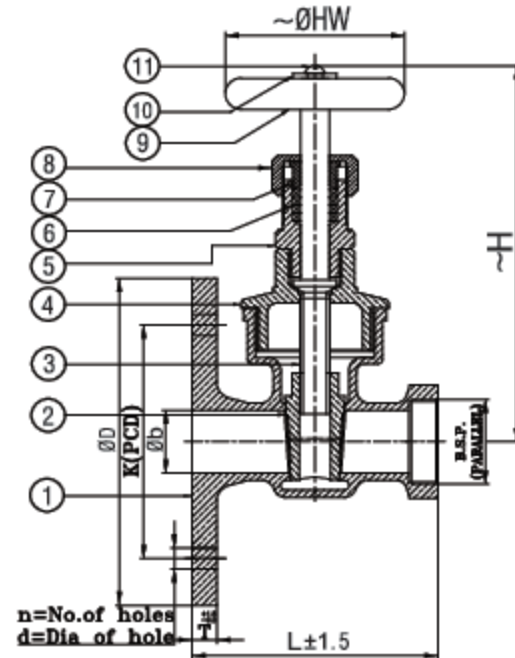
PRESSURE RATING: PN-10

TEST PRESSURE (Hydrostatic)

BODY	SEAT
16 Bar	11 Bar

SUITABLE FOR

Transformer Oil	Air	Gases
✓		



DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65	80	100
L	72	76	90	100	110	120	140	150	190
~ØHW	60	60	70	90	92	103	130	150	165
~H	102	118	125	145	160	185	205	242	295
Øb	15	20	25	32	40	50	65	80	100
ØD	95	105	115	140	150	165	185	200	220
T	6	6	8	8	9	11	13	13	16
K	65	75	85	100	110	125	145	160	180
n	4	4	4	4	4	4	4	8	8
d	14	14	14	18	18	18	18	18	18
B.S.P.	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"

Item Code GM 0192 GM 0192 GM 0192 GM 0192 GM 0192 GM 0192 GM 0192 GM 0192 GM 0192 GM 0192

MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	LEADER TIN BRONZE	IS 318 Gr. LTB2
2	WEDGE	LEADER TIN BRONZE	IS 318 Gr. LTB2
3	STEM	HIGH TENSILE BRASS	IS 6912 Gr. FHTB1
4	BONNET	LEADER TIN BRONZE	IS 318 Gr. LTB2
5	STUFFING BOX	LEADER TIN BRONZE / BRASS ROD	IS 318 Gr. LTB2 / IS 6912 FLB
6	PACKING	HEMP & JUTE / ABESTOS	IS 5414 / IS 4687
7	GLAND	LEADER TIN BRONZE / BRASS ROD	IS 318 Gr. LTB2 / IS 6912 FLB
8	GLAND NUT	LEADER TIN BRONZE / BRASS ROD	IS 318 Gr. LTB2 / IS 6912 FLB
9	HANDWHEEL	CAST IRON / M.S. SHEET	IS 210 Gr. FG200
10	WASHER	MILD STEEL	_____
11	SET SCREW	MILD STEEL	_____