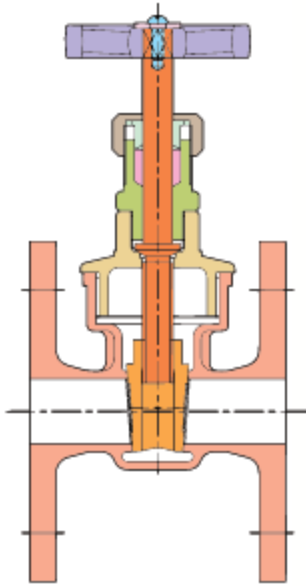
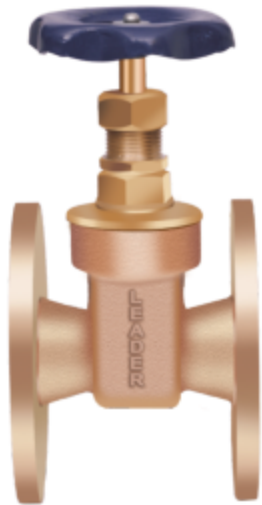


# GUN METAL/BRONZE

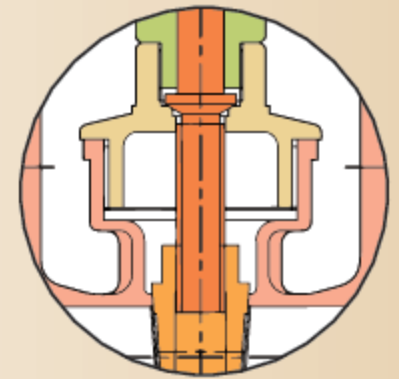
# GATE VALVE



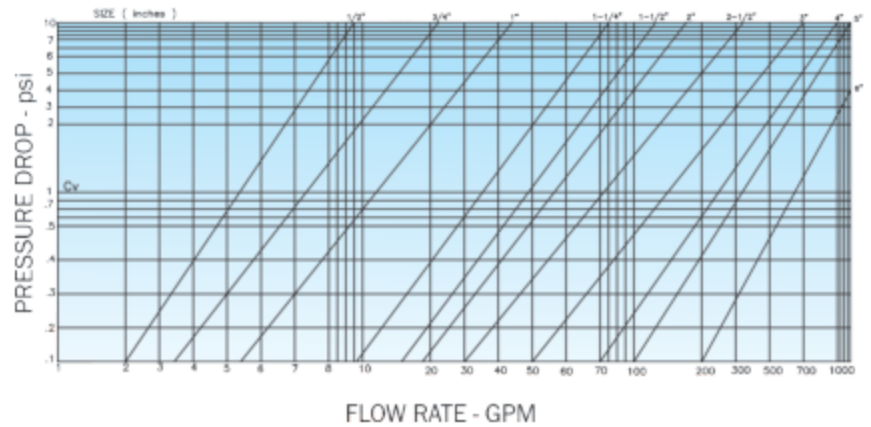
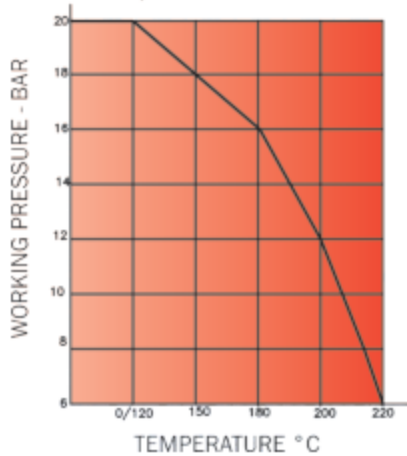
- BODY 1
- WEDGE 2
- STEM 3
- BONNET 4
- STUFFING BOX 5
- PACKING 6
- GLAND 7
- GLAND NUT 8
- HAND WHEEL 9
- WASHER 10
- SET SCREW 11



- **Item Code:** GM005
- **Pressure Rating:** CL-150
- **Testing Standard:** BSEN 12266 PART-1
- **Size Range:** 15mm to 150mm
- **Product Standard:** Mfg. Standard



PRESSURE/TEMPERATURE DIAGRAM



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

### PRINCIPAL FEATURES:

- Screwed in bonnet, inside screw non-rising stem.
- Heavy duty full bore.
- Gun Metal / Brass working parts, integral seat.
- Flanged ends as per BS:10 table 'F'.
- Extra strength of stem with high tensile brass.
- Provision for re-packing under pressure in the installed condition.
- Wear resistant solid and long lasting materials.
- 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:

- Flanged ends as per BS:10 table 'F'.
- Flange drilling as per other standards also available upon request with at an extra cost.

### UTILISATION & SERVICE

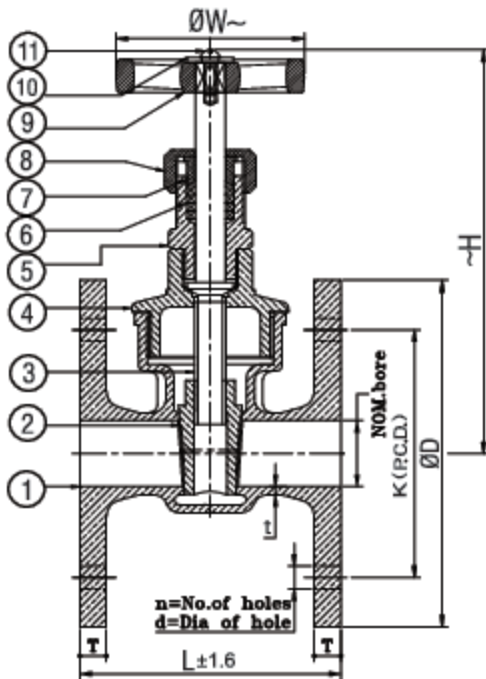
- Best suited for hot & cold water, air, neutral liquids & some gases.

### WORKING PRESSURE

- Maximum Working Pressure: 20 Bar.
- See Pressure / Temperature Diagram.

### TEMPERATURE LIMITS

- Maximum working temperature: 225°C.



### SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	✓

### PRESSURE RATING: CLASS-150

#### TEST PRESSURE (Hydrostatic)

BODY	SEAT
30 Bar (g)	22 Bar (g)

### DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65	80	100	125	150
L	72	76	90	100	110	117	142	153	181	232	274
~H	96	106	118	128	147	182	210	250	305	415	489
ØW~	60	60	70	90	92	92	103	130	168	216	254
ØD	95.3	101.6	120.7	133.4	139.7	165.1	184.2	203.2	228.6	279.4	304.8
T	7.9	7.9	9.5	9.5	11.1	11.1	12.7	14.3	17.5	19.1	22.2
K	66.7	73	87.3	98.4	104.8	127	146.1	165.1	190.5	235	260.4
n	4	4	4	4	4	4	8	8	8	8	12
d	14.3	14.3	17.5	17.5	17.5	17.5	17.5	17.5	17.5	22.2	22.2
Item Code	GM 005	GM 005	GM 005	GM 005	GM 005	GM 005	GM 005	GM 005	GM 005	GM 005	GM 005

### MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	GUN METAL	BS EN1982 Gr. CC491K
2	WEDGE	GUN METAL / BRASS	BS EN1982 Gr. CC491K / IS 6912 Gr FLB
3	STEM	BRASS ROD	BS 2872 or 2874 CZ114
4	BONNET	GUN METAL / BRASS	BS EN1982 Gr. CC491K / IS 6912 Gr FLB
5	STUFFING BOX	GUN METAL / BRASS ROD	BSEN 1982 Gr. CC491K / BS 2872 or 2874 CZ114
6	PACKING	HEMP & JUTE	IS 5414
7	GLAND	GUN METAL / BRASS ROD	BSEN 1982 Gr. CC491K / BS 2872 or 2874 CZ114
8	GLAND NUT	GUN METAL / BRASS ROD	BSEN 1982 Gr. CC491K / BS 2872 or 2874 CZ114
9	HAND WHEEL	CAST IRON / STEEL (PVC COATED)	BS EN1561 Gr.200 / ANY GRADE
10	WASHER	CARBON STEEL	IS 2062 Gr. A
11	SET SCREW	CARBON STEEL	BS 916

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