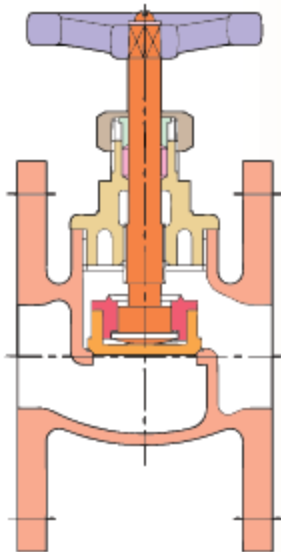


GUN METAL/BRONZE

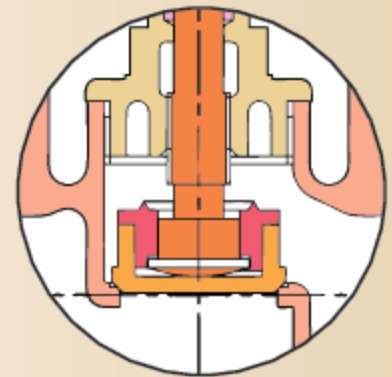
GLOBE VALVE



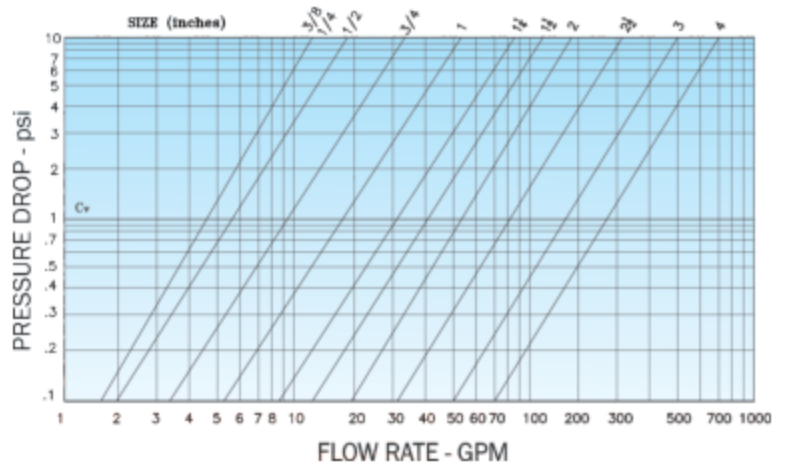
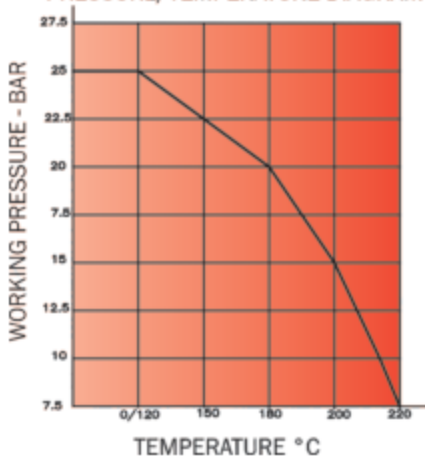
- BODY 1
- DISC 2
- STEM NUT 3
- STEM 4
- BONNET 5
- GLAND PACKING 6
- GLAND 7
- GLAND NUT 8
- HAND WHEEL 9
- WASHER 10
- SET SCREW 11



- **Item Code:** GM018
- **Pressure Rating:** PN-25
- **Testing Standard:** BSEN 12266 PART-1
- **Size Range:** 15mm to 100mm
- **Product Standard:** Mfg. Standard



PRESSURE/TEMPERATURE DIAGRAM



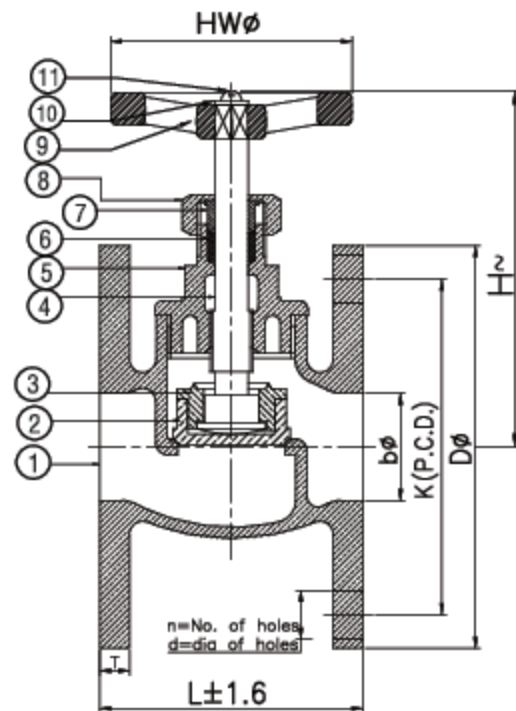
Note : The above data is subject to change without notice due to our continuing product improvement program.

PRINCIPAL FEATURES:

- Screwed in bonnet, inside screw rising stem.
- Flanged ends as per BS:4504 PN-25.
- Gun Metal / Brass working parts, integral seat.
- 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.
- Also available with PTFE Seating for Air and Gas applications, at an extra cost.

SUITABLE FOR

Water	Gases	Air	Oil
✓	✓	✓	



END CONNECTION:

- Flanged ends as per BS:4504 PN-25.
- Flange drilling as per other standards also available upon request at an extra cost.

UTILISATION & SERVICE

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

WORKING PRESSURE

- Maximum Working Pressure: 25 Bar.
- See Pressure / Temperature Diagram.

TEMPERATURE LIMITS:

- Maximum working temperature: 225°C.
- See Pressure / Temperature Diagram.

PRESSURE RATING: PN-25

TEST PRESSURE (Hydrostatic)

BODY	SEAT
37.5 Bar (g)	27.5 Bar (g)

DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65	80	100
L	55	64	75	82	98	110	156	162	196
bØ	12.7	20	25	32	40	50	65	80	100
H~	68	75	100	109	135	140	162	220	235
HWØ	60	60	70	80	111	111	135	165	195
DØ	95	105	115	140	150	165	185	200	235
T	8	8	9	9	11	11	13	14	17
K	65	75	85	100	110	125	145	160	190
n	4	4	4	4	4	4	8	8	8
d	14	14	14	18	18	18	18	18	22
Item Code	GM 018	GM 018	GM 018	GM 018	GM 018	GM 018	GM 018	GM 018	GM 018

MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	GUN METAL	BSEN 1982 Gr.CC491K
2	DISC	GUN METAL	BSEN 1982 Gr.CC491K
3	STEM NUT	GUN METAL / BRASS	BSEN 1982 Gr.CC491K / DIN EN12165 Gr.CW617N
4	STEM	HIGH TENSILE BRASS	DIN EN 12165 CW721R
5	BONNET	GUN METAL	BSEN 1982 Gr.CC491K
6	GLAND PACKING	TO SUIT SERVICE CONDITIONS	
7	GLAND	BRASS / GUN METAL	DIN EN12165 Gr.CW617N / BSEN 1982 Gr.CC491K
8	GLAND NUT	BRASS / GUN METAL	DIN EN12165 Gr.CW617N / BSEN 1982 Gr.CC491K
9	HAND WHEEL	MILD STEEL / CAST IRON	SHEET / BSEN 1561 Gr.200
10	WASHER	CARBON STEEL	----
11	SET SCREW	CARBON STEEL	----