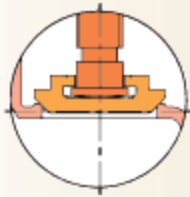
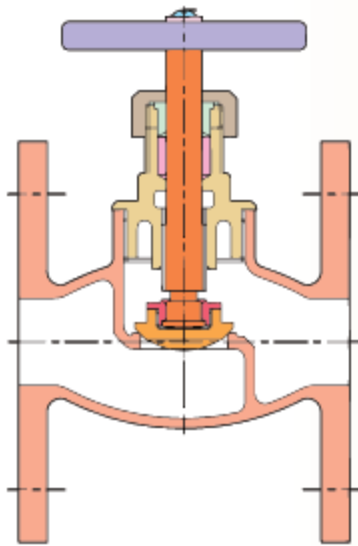


# GUN METAL/BRONZE

# GLOBE VALVE

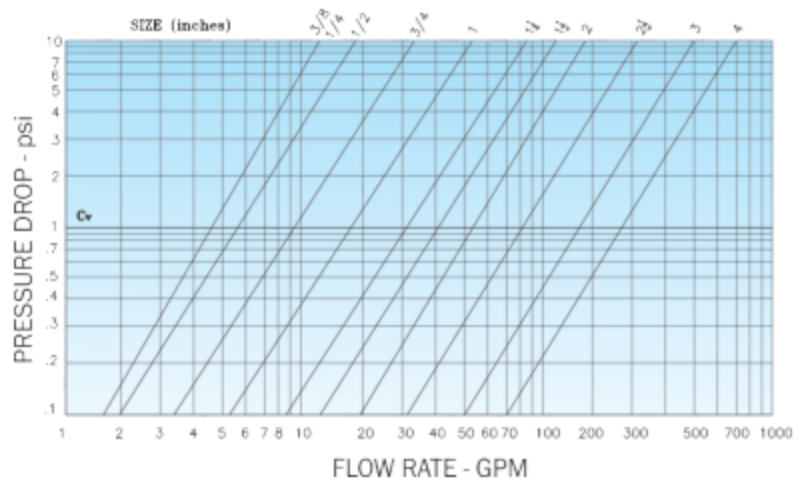
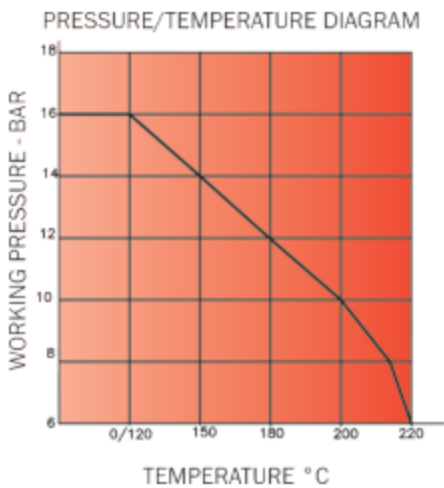
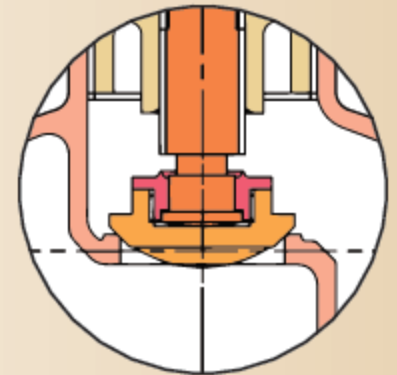


DISC DESIGN ABOVE SIZE  
25mm

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



- **Item Code:** GM010
- **Pressure Rating:** CL-100
- **Testing Standard:** BSEN 12266 PART-1
- **Size Range:** 15mm to 150mm
- **Product Standard:** Mfg. Standard



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.
- Gun Metal / Brass working parts, integral seat.
- Flanged ends as per BS:10 table 'E'.
- 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.

### END CONNECTION:

- Flanged ends as per BS:10 table 'E'.
- 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: 13.79 Bar.
- See Pressure / Temperature Diagram.

### TEMPERATURE LIMITS:

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

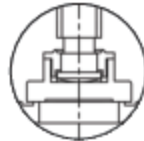
### PRESSURE RATING: Class-100

#### TEST PRESSURE (Hydrostatic)

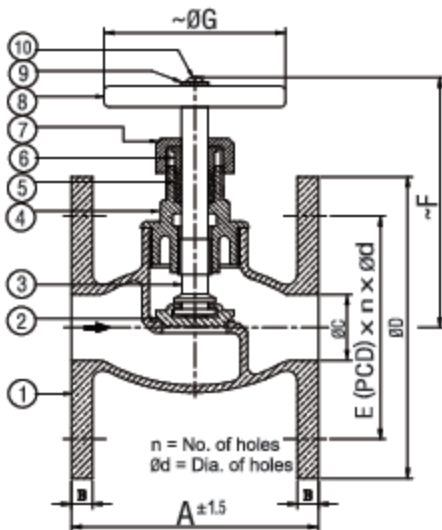
BODY	SEAT
20.68 Bar (g)	15.17 Bar (g)

### SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	✓



DISC DESIGN ABOVE  
SIZE 25mm



### DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65	80	100	125	150
A	52	64	83	83	83	108	142	175	207	249	281
ØC	11	16	22.5	29	35	45	63.5	76.2	96	122	148
-F	64	78	84	102	105	120	150	165	235	245	280
-ØG	60	60	70	80	90	110	130	130	171	220	254
ØD	95.3	101.6	114.3	120.7	133.4	152.4	165.1	182.4	215.9	254	279.4
E	66.7	73	82.6	87.3	98.4	114.3	127	146.1	177.8	209.6	235
n	4	4	4	4	4	4	4	4	8	8	8
Ød	14.3	14.3	14.3	14.3	14.3	17.5	17.5	17.5	17.5	17.5	22.2
Item Code	GM 010	GM 010	GM 010	GM 010	GM 010	GM 010	GM 010	GM 010	GM 010	GM 010	GM 010

### 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	BRASS ROD	ZC122 OF BS 2872 OR 2874
4	BONNET	GUN METAL / BRASS	BSEN 1982 Gr CC491K / BS 2872 Gr.CZ122
5	PACKING	HEMP & JUTE (IS:5414)	
6	GLAND	BRASS	CZ122 OF BS 2872 OR 2874
7	GLAND NUT	BRASS	CZ122 OF BS 2872 OR 2874
8	HAND WHEEL	CAST IRON / MILD STEEL	IS 210 Gr. FG200 / M.S. SHEET
9	WASHER	CARBON STEEL	ANY GRADE
10	SCREW	CARBON STEEL	ANY GRADE
11	STEM NUT	GUN METAL / BRASS	BSEN 1982 Gr.CC491K / BS 2872 Gr.CZ122