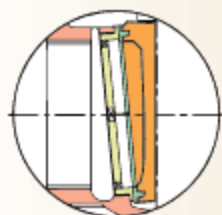
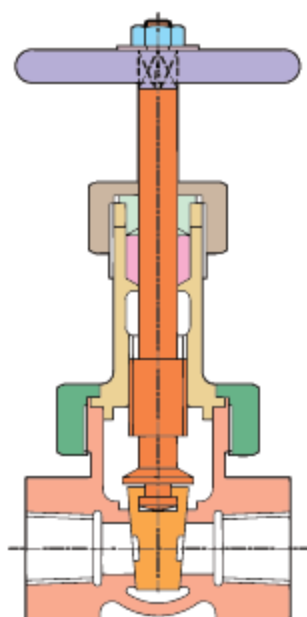


GUN METAL/BRONZE

UNION BONNET GATE VALVE

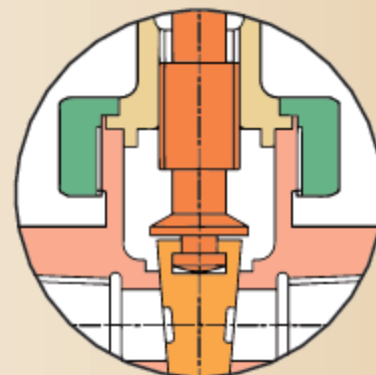


***RENEWABLE BODYSEAT RING
& WEDGE RING
FOR SIZES 1½" & 2" ONLY**

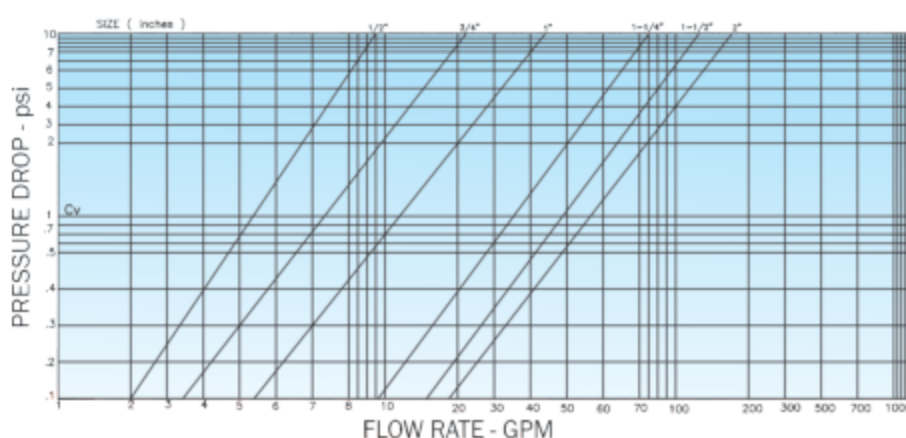
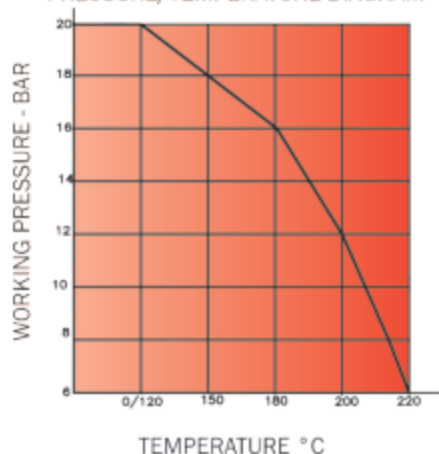
- BODY 1
- WEDGE 2
- STEM 3
- UNION NUT 4
- BONNET 5
- PACKING 6
- GLAND 7
- GLAND NUT 8
- HAND WHEEL 9
- WASHER 10
- NUT 11



- Item Code: GM0290
- Pressure Rating: PN-20
- Testing Standard: BSEN 12266 PART-1
- Size Range: 15mm to 50mm
- Product Standard: BS 5154



PRESSURE/TEMPERATURE DIAGRAM

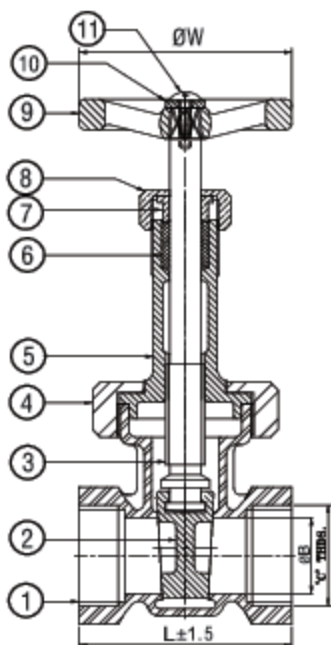


PRINCIPAL FEATURES:

- Design Std.: BS 5154.
- Union bonnet, inside screw rising stem.
- Heavy duty full bore long threads.
- Gun Metal / Brass working parts, integral seat.
- Screwed female NPT threads to ASME B1.20.1.
- 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.

SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	✓



END CONNECTION:

- Screwed female NPT threads to ASME B1.20.1.
- Parallel Female Threads to BS21 / IS:554 also available upon request with no price implication.

UTILISATION & SERVICE

- "LEADER" Gun Metal Gate valves are suitable for above-ground installations.
- 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.
- See Pressure / Temperature Diagram.

PRESSURE RATING: PN-20

TEST PRESSURE (Hydrostatic)

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

DIMENSIONAL DATA

Size (mm)	15	20	25	32	40	50
L	60	60	70	80	90	100
'C' THDS	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
ØW	60	60	70	90	92	103
ØB	15	20	25	32	40	50
Item Code	GM 290	GM 290	GM 290	GM 290	GM 290	GM 290

MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	BRONZE	ASTM B62
2	WEDGE	BRONZE	ASTM B62
3	STEM	HIGH TENSILE BRASS	BSEN 12165 WC721R
4	UNION NUT	BRONZE	ASTM B62
5	BONNET	BRONZE	ASTM B62
6	PACKING	TO SUIT SERVICE CONDITION	
7	GLAND	BRASS ROD	BSEN 12165 CW 617N
8	GLAND NUT	BRONZE / BRASS ROD	ASTM B62 / BSEN 12165 CW 617N
9	HAND WHEEL	CAST IRON / MILD STEEL	BSEN 1561 Gr. EN GJL200
10	WASHER	CARBON STEEL	ANY GRADE
11	SET SCREW	CARBON STEEL	ANY GRADE