

## BRONZE SLEEVE PACKED WATER LEVEL GUAGES

### APPLICATION

These gauges are suitable for steam pressure upto 250 Lbs/sq. Inch (17.24) bar and temperature upto 435°F (225°C)

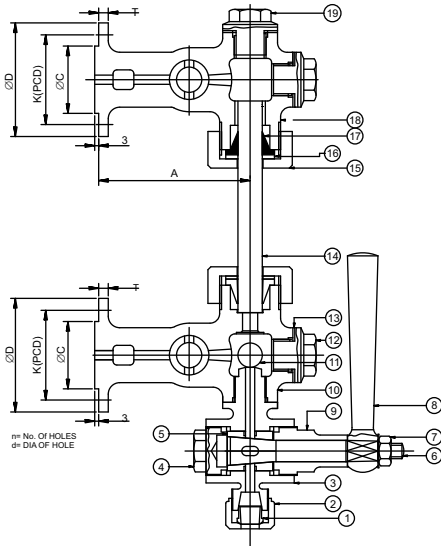


FIG NO. BM 057-58

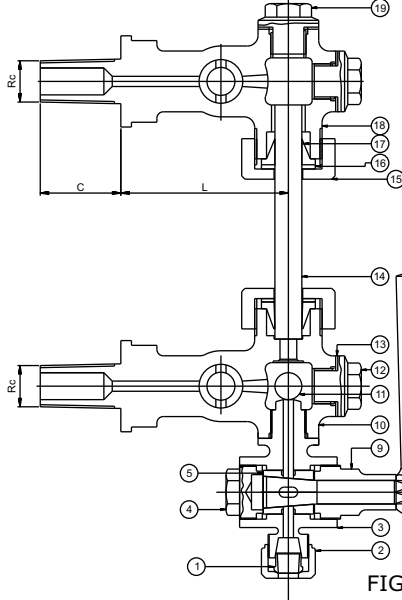


FIG NO. BM 055-56



**NOTE :** \*H DIMENSION AS PER CUSTOMER REQUIRMENT.

### STANDARD MATERIAL COMBINATION

P.NO.	QTY.	DESCRIPTION	MATERIALS	SPECIFICATIONS
1	1	Ring	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
2	1	Union Nut	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
3	1	Drain Cock	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
4	3	Bottom Nut	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
5	3	STEEVE	MOULDED ASBESTOS	-----
6	3	STEMI	S.S.	ASTM A 182-94 Gr. F6a
7	3	NUT FOR HANDLE	CARBON STEEL	-----
8	3	HANDLE	M.I.	IS 2108-77 Gr. BM 290
9	3	BONNET	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
10	1	BOTTOM GAUGE SIDE Nut	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
11	1	BALL	S.S.	ASTM A 182-94 Gr. F 304
12	1	BOTTOM GAUGE SIDE NUT	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
13	2	WASHER	-----	-----
14	1	GLASS TUBE	Glass	-----
15	2	GLAND NUT	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
16	2	WASHER	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
17	2	RUBBER CONE	Synthetic Rubber	BS 2752-90 Gr. C 60
18	1	TOP GAUGE ARM	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B
19	2	TOP GAUGE SIDE NUT	Bronze	IBR-94 Clause 282 (a) (iv) Gr.B

### TEST PRESSURES

MAX. WORKING PRESSURE	SHELL TEST (HYDROSTATIC)	SEAT TEST		CODE
		(HYDROSTATIC)	(STEAM)	
250 PSI (17.24 bar) at 435°F (225°C)	500psig (34.5 bar)	500 psig	250 psig	INDIAN BOILER REGULATIONS

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

## BRONZE SLEEVE PACKED WATER LEVEL GAUGES

### WORKING PRINCIPLE

Each cock is fitted with a self-adjusting inverted taper plug which forms a seal is renewable moulded asbestos sleeve. This packing sleeve can be easily positioned in the cock by a rib which fits a corresponding groove in the body. To avoid clogging of the passage through sleeve, it is reinforced with metallic eyelets. A ball in the lower arm cuts off supply in the event of glass tube breakage. The glass tubes are fitted with replaceable gauge glass cones. These Gauges can also be supplied with gauge glass protector when so required.

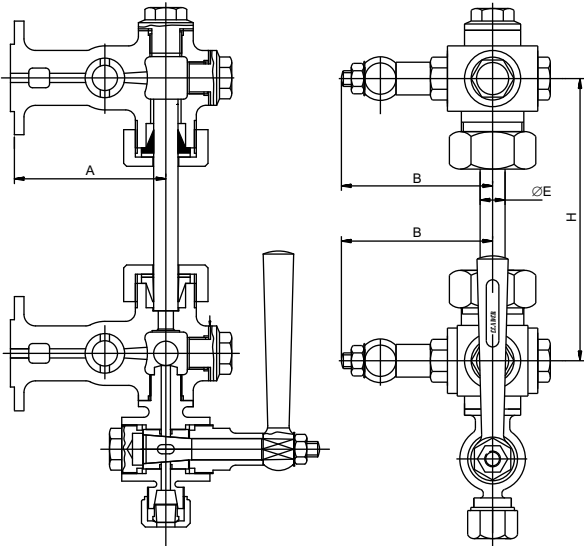


FIG NO. BM 057-58

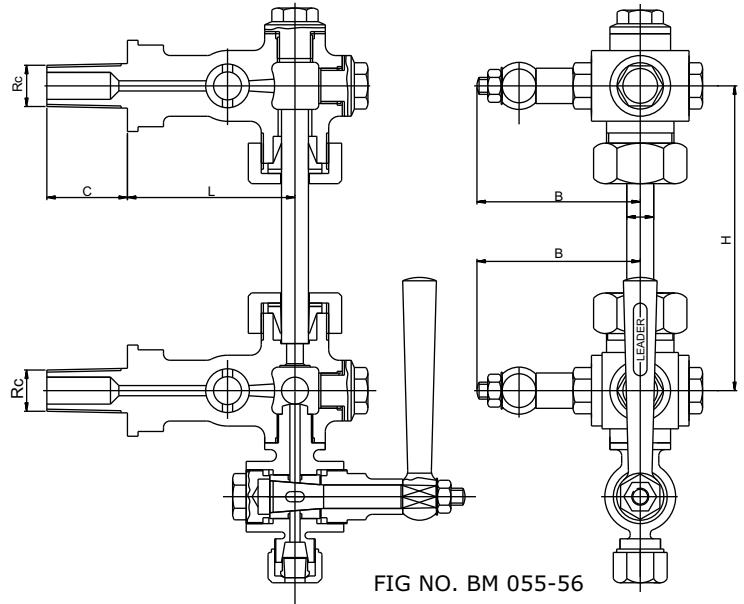


FIG NO. BM 055-56

**NOTE :** \*H DIMENSION AS PER CUSTOMER REQUIREMENT.

PRODUCT CODE NOS			
PRODUCT		FIG. NO.	END DETAILS
Bronze sleeve packed water level gauge, right hand type, with automatic shut off device in the water arm, Flanged Ends.		BM055	Flanges as per BS 10 Table H
Bronze sleeve packed water level gauge, right hand type, with automatic shut off device in the water arm, Flanged Ends.		BM056	Flanges as per BS 10 Table H
Bronze sleeve packed water level gauge, left hand type, with automatic shut off device in the water arm, Screwed male Ends		BM057	Screwed Male BSP Taper Threads to Bs 21
Bronze sleeve packed water level gauge, right hand type, with automatic shut off device in the water arm, Screwed male Ends		BM058	Screwed Male BSP Taper Threads to Bs 21
DIMENSIONAL DATA			
NPS	½	5/8	3/4
A	79.5	92	92
B	78	95	95
ØE	12.7	15.9	19.0
H	AS Per Customer’s Requirement		
Aprox. Wt. ▲			
PRODUCT CODE NOS	BM0 55 D/ BM056 D	BM055AE /BM056 E	BM055AF/BM056 F
DIMENSIONAL DATA			
NPS	½	5/8	3/4
B	78	95	95
C	38	38	38
L	79	79	79
H	As per Customer’s Requirement		
Aprox. Wt. ▲			
PRODUCT CODE NOS	BM057 D/BM058 D	BM057 E /BM058 E	BM057F/BM058F
<b>INFORMATION REQUIRED WHILE ENQUIRING / ORDERING</b>		4. Distance between steam and water arms. 5. Flange Drilling :- Valves are supplied with the flanges blank unless drilling particulars are specified.	
1. Size of the Water Level Gauge 2. End connections 3. Item Code no.			
NOTE: ITEMS CAN BE SUPPLIED WITH CERTIFICATE OF MANUFACTURE AND TEST ON FORM III C AS PER REGULATION 269 OF IBR			

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