

## 5(a) Bronze Globe Steam Stop Valve Straight or Right Angle Type, Screwed Ends

### Description

- NETA Bronze Globe Steam Stop Valve Straight or Right Angle Type
- Outside Screw and Yoke Type
- Rising Stem with Back Seat
- Renewable 13% Cr. Stainless Steel (ASTM A182 Gr.F6a / AISI - 410) Trim
- Screwed Female Ends BSP Parallel Threads
- Handwheel Operated

### Test Pressure

Max. Working Pressure : 250 PSIG  
 Max. Working Temperature : 220°C  
 Test Pressure : 500 PSIG Hyd.

### Design Features

- Valve Disc and Check Nut are locked in position by using S.S. (AISI-304) Locking Washer.
- Back seating arrangement permits the replacement of the gland packing in fully open position while the Valve is under in line pressure.
- Body design is rigid and extra sturdy and have smooth full flow area throughout the Valve Body.
- For longer life of Valve Seating Body Seat Ring and Disc are properly heat treated.



### Certification

IBR Test Certificate in FORM III-C duly signed by the Director of Boilers, Punjab is provided for Valves to be used on steam service.  
 For liquid service our own Works Test Certificate shall be issued.

### Application : Steam, Water, Oil

**HSN : 84818020**

### Materials

PNo.	Part	Nos.	Material	Standard
1	Handwheel Nut	1	M.S.	IS:1367
2	Washer	1	M.S.	IS:226
3	Handwheel	1	C.I./Al	IS:210 Gr.FG200 / BS:1490 Gr.LM-6
4	Bonnet	1	Bronze	IBR 282[a][iv] Gr.B
5	Stem	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
6	Gland	1	Bronze	IBR 282[a][iv] Gr.B
7	Packing	-	Graphited Asbestos	-
8	Gasket	1	C.A.F.	IS:2712
9	Disc	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
10	Body Seat Ring	1	S.S. 13% Cr.	ASTM A182 Gr.F6a / AISI - 410
11	Body	1	Bronze	IBR 282[a][iv] Gr.B
12	Studs for Gland	2	M.S.	IS:1367
13	Nuts for Gland	2	M.S.	IS:1367
14	Studs and Nuts for Body and Bonnet	4 Each	M.S.	IS:1367
15	Locking Washer	1	S.S. 18/8% Cr./Ni	AISI - 304
16	Check Nut	1	Bronze	IBR 282[a][iv] Gr.B

### Dimensions

Nominal Size (Inches)	Nominal Size (mm)	L ±1.5	L1 ±1.5	H App.	H1 App.	W App.	T
1/2	15	41	82.5	108	120	90	1/2



Nominal Size (Inches)	Nominal Size (mm)	L ±1.5	L1 ±1.5	H App.	H1 App.	W App.	T
3/4	20	47.5	95.5	135	150	100	3/4
1	25	57	111	160	180	100	1
1.1/4	32	67	134	180	210	125	1.1/4
1.1/2	40	76	148	215	235	150	1.1/2
2	50	89	178	255	260	150	2
2.1/2	65	105	203	260	267	160	2.1/2
3	80	120	228	285	323	175	3

