

# CAST IRON GLOBE STEAM STOP VALVE

## Design Features:

- Cast Iron Globe Stop Valve
- Straight Pattern
- Bolted Bonnet
- Outside Screw and Yoke Type
- Bronze Trim
- Raised Face Drilled/ Undrilled

## Conformity to Standard & Codes:

### Design Standard

- BS: 5152
- Flanged Ends to BS:4504 Part 1 Table 16/11 DIN 2533 PN16

## Design Features

- Stream Line shaped flow way area for smooth flow of working fluid for minimum pressure drop.
- Bolted Body Bonnet Joint.
- Renewable Body Seat & Disc Facing Rings.
- Bolted Gland.
- Back seating arrangement permits the replacement of gland packing in fully open position while the Valve is under inline pressure.
- Large lift to avoid obstruction in the flow way area.
- Sturdy spoked handwheel clear from the top of yoke is provided for operation of the Valve.
- Designed for tight shut off & efficient fluid flow control.
- Ample depth of stuffing Box.

## Applications

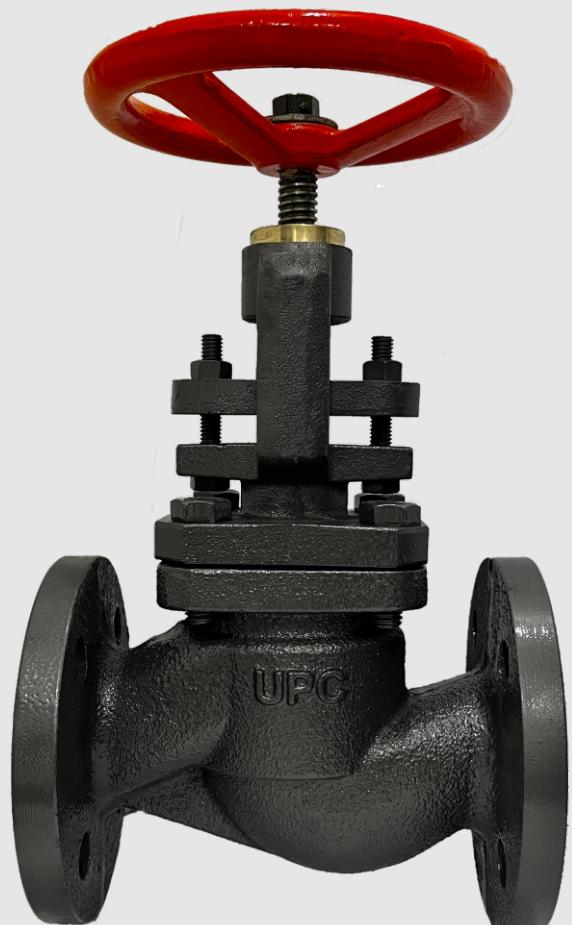
- Steam Industries
- Water Supply & Solvent Industries
- Oil Industries
- Process Industries

Water  Steam  Oil  Air

Test Certificate in Form III\_C as per IBR is Furnished with every supply

**UPC INSTRUMENTS PVT.LTD.**

AN ISO 9001:2015, 14001-2015, CE, TÜV SÜD & IBR CERTIFIED COMPANY



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## DIMENSIONS:

NOMINAL SIZE												
Inches	Size in mm	FF ±2	ØFD	ØW	ØRFD	ØRFH	k	n	Ød	FT	H	
1/2"	15	130	114.3	100	-	-	82.6	4	17.5	14	175	
3/4	20	150	114.3	100	-	-	82.6	4	17.5	16	180	
1"	25	160	115	100	65	3	87.3	4	17.5	16	205	
1 1/4"	32	180	140	165	76	3	98.4	4	17.5	18	240	
1 1/2	40	200	150	165	84	3	104.8	4	17.5	18	265	
2"	50	230	165	165	99	3	127	4	17.5	20	275	
2 1/2"	65	290	185	200	118	3	146	8	17.5	20	317	
3"	80	310	203.2	200	132	3	165	8	17.5	22	330	
4"	100	350	228.6	250	-	-	190.5	8	17.5	24	380	
5"	125	400	279.4	250	-	-	235	8	22.3	26	410	
6"	150	480	304.8	315	-	-	260.4	12	22.3	26	440	
8"	200	600	375	400	-	-	324	12	22.3	34	-	

\*All dimensions are in mm unless and otherwise specified.

## PART LIST

S NO	PART NAME	MATERIAL	STANDARD
1.	Body	C.I.	IBR 86 To 93 Gr.A
2.	Body Seat Ring	CF8	ASTM A276 TYPE 304
3.	Disc	SS	ASTM A276 TYPE 410
4.	Disc Nut	SS	ASTM A276 TYPE 410
5.	Stem	SS	ASTM A276 TYPE 410
6.	Gasket	Non-Asbestos	-
7.	Studs & Nuts	Carbon steel	-
8.	Packing	Flexible Graphite	-
9.	Gland Flange	C.I.	EN 1563 Gr. GJS-400-15
10.	Bonnet	C.I.	(IBR 86 To 93 Gr. A)
11.	Yoke Bush	A.I. Bronze	BS EN 1982 GR. CC331G
12.	Washer	Carbon Steel	-
13.	Nut	Carbon Steel	-
14.	Handwheel	Carbon Steel	-
15.	T-Bolts & Nuts	Carbon Steel	-

## WARRANTY

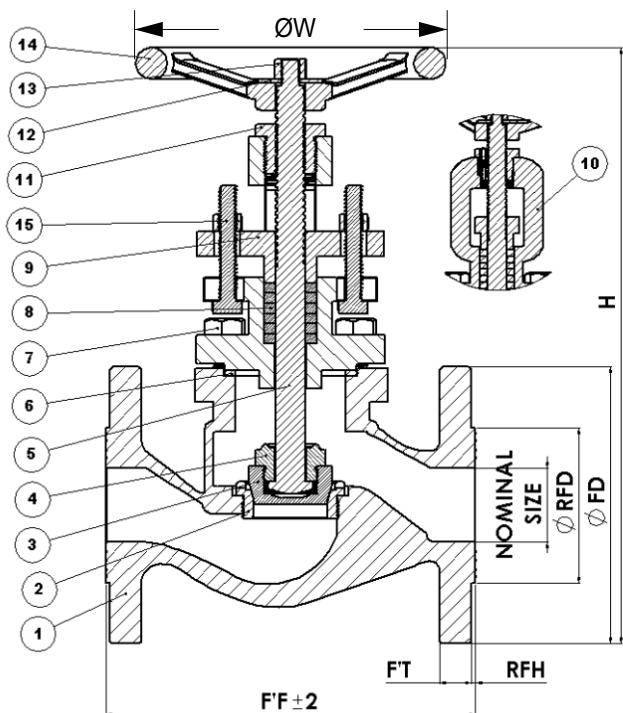
All the valves are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the valves has not been misused, damaged, installed for services it is not recommended or the seal has been tampered with. The company shall be liable to furnish part/ parts thereof or full Valve as the company may deem fit.



## TEST PRESSURE:

TYPE OF TEST	For 150mm & below PRESSURE (KG/CM <sup>2</sup> )
Body	26 Kg/cm <sup>2</sup>
Seat	17.6 Kg/cm <sup>2</sup>
Back Seat	17.6 Kg/cm <sup>2</sup>
Maximum Pressure at 220°C	13.2 Kg/cm <sup>2</sup> g

## CAST IRON GLOBE VALVE



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