

CAST STEEL GLOBE STEAM STOP VALVE CLASS-150#

Design Features:

- UPC Cast Steel (A 216 Gr. WCB) Globe Valve.
- Renewable Seat
- Bolted Bonnet
- Outside Screw and Yoke Type
- 13 % Cr. Stainless Steel (ASTM A182 Gr.F6a/ AISI-410) Trim.
- Raised Face Drilled/ Undrilled

Conformity to Standard & Codes:

- Product Standard-BS 1873 Class-150
- Testing Standard-API-598
- End Details-Flanged Ends to BS: 1560 / ANSI-B 16.5, Class-150, Raised Face Drilled/Undrilled.

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 CERTIFIED COMPANY



CAST STEEL GLOBE VALVE 150#



DIMENSIONS:

NOMINAL SIZE											
Inches	Size in mm	FF ±2	ØFD	ØW	ØRFD	ØRFH	k	n	Ød	FT	H
1"	25	127	108	160	51	2	79	4	17.5	11	240
1 ¼"	32	140	117	160	63.5	2	89	4	17.5	14	297
1 ½"	40	165	127	200	73	2	98.6	4	17.5	14	322
2"	50	203	152	200	92	2	120.7	4	17.5	16	348
2 ½"	65	216	178	250	104	2	140	8	17.5	18	412
3"	80	241	190	250	127	2	152.4	8	17.5	19	450
4"	100	292	229	315	157	2	190.5	8	17.5	24	529
5"	125	356	254	315		2	216	8	22.3	24	600
6"	150	406	280	400	216	2	241	12	22.3	25	690
8"	200	490	343	450	270	2	298.5	12	22.3	29	832
10"	250	623	407	450	345	2	362	12	25.4	31	1162
12"	300	698	485	610	381	2	431.8	12	25.4	32.2	1362

*All dimensions are in mm unless and otherwise specified.

PART LIST

S NO	PART NAME	MATERIAL	STANDARD
1.	Body	C.S.	A 216 Gr. WCB
2.	Body Seat Ring	SS	ASTM A276 TYPE 304
3.	Plug	SS	ASTM A276 TYPE 410
4.	Plug Nut	SS	ASTM A276 TYPE 410
5.	Spindle	SS	ASTM A276 TYPE 410
6.	Back seat (BB)	SS	ASTM A276 TYPE 410
7.	Gasket	Graphite	SPW SS+ Graphite
8.	Bonnet	C.S.	A 276 Gr. WCB
9.	Joint Studs & Nuts	SS	A193 Gr. B7 & A 194 Gr. 2H
10.	Cross Studs & Nuts	SS	A193 Gr. B7 & A 194 Gr. 2H
11.	Gland packing	Graphite	Graphite Ring
12.	Gland bush	SS410	A 276 TP 410
13.	Gland flange	SS	A 276 Gr. WCB
14.	Eye Bolts & Nuts	C.S.	A193 Gr. B7 & A 194 Gr. 2H
15.	Yoke Sleeve	C.S.	A193 Gr. B7 & A 194 Gr. 2H
16.	Hand Wheel	C.S.	A193 Gr. B7 & A 194 Gr. 2H
17.	Hand Wheel Nut	SS	S.S
18.	Hand wheel washer	SS	S.S

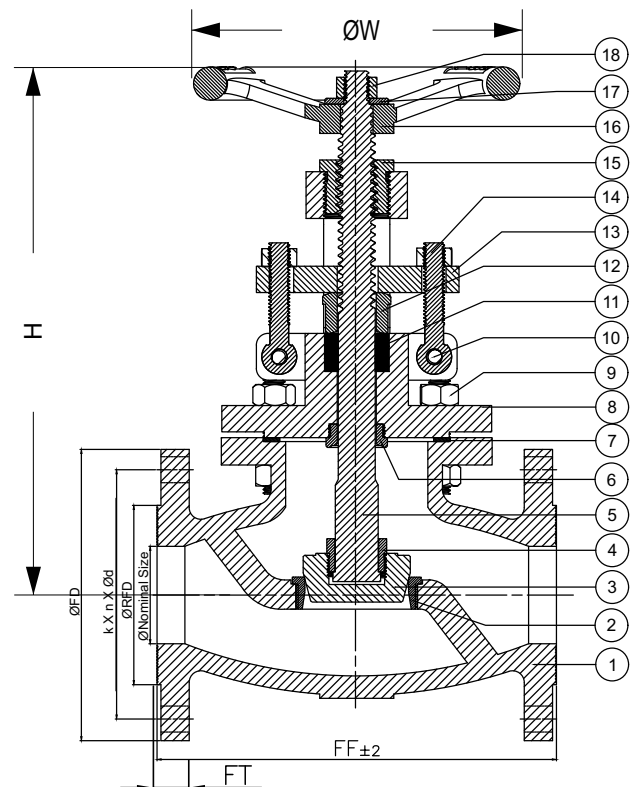
WARRANTY

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 tempered with. The company shall be liable to furnish part/ parts thereof or full Valve as the company may deem fit.

TEST PRESSURE:

Maximum Pressure at 400°C

TYPE OF TEST	PRESSURE (KG/CM ²)
Body	76.6 Kg/cm ²
Seat	56.4 Kg/cm ²
Back Seat	56.1 Kg/cm ²



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