



GLOBE VALVE (150# / 300#)

"Valtrix" make Globe Valves is a linear motion valve and are primarily designed to stop, start and regulate flow. The disc of a globe valve can be totally removed from the flowpath or it can completely close the flowpath.

Technical Data

- ✓ Design & Manufacturing Std. : BS - 1873
- ✓ Testing & Inspection Std. : API 598 / BS - 5146
- ✓ End Connection : Flanged as per ANSI B 16.5
- ✓ Shell Wall Thickness : ANSI B 16.34
- ✓ Face to Face Dimensions : As per ANSI / B 16.10

Primary Service Rating & Test Pressure

CLASS	WORKING PRESSURE	TEMPERATURE	HYD. TEST PRESSURE	
			BODY	SEAT
150	150 PSIG	500 °F	425 PSIG	300 PSIG
300	300 PSIG	800 °F	1100 PSIG	800 PSIG

Air Test - Seat 80 PSIG ±10 PSIG

Sr. No.	Parts Name	Material	Qty.
01	Body	ASTMA216 Gr. WCB / CF8 / CF8M	1
02	Bonnet	ASTMA216 Gr. WCB / CF8 / CF8M	1
03	Seat Ring	AISI 410 (13% CR) / S.S. 304 / 316	1
04	Disc	AISI 410 (13% CR) / S.S. 304 / 316	1
05	Stem	AISI 410 (13% CR) / S.S. 304 / 316	1
06	Stem Nut	AISI 410 (13% CR) / S.S. 304 / 316	1
07	Back Seat	AISI 410 (13% CR) / S.S. 304 / 316	1
08	Gland	Carbon Steel	1
09	Gland Packing	Metallic Wire Reinforced Graphoil Asbestos	----
10	Yoke Sleeve	S. G. Iron	1
11	Bonnet Gasket	Asbestos Filter S. S. 304 / Spiral Wounded / CAF	1
12	Bonnet Stud & Nut	ASTM A 193 Gr. B7 /	----
13	Eye Bolt & Nut	ASTM A 193 Gr. B7 /	2 Set
14	Hand Wheel	S. G. Iron	1
15	Hand Wheel Nut	Carbon Steel	1

Dimensions 150#

(All Dimensions are in MM)

SIZE		A	B	ØC	ØD	ØM	N	PCD	ØW
Inch	MM								
1"	25	127	11	51	108	16	4	79.2	100
1.1/2"	40	165	14.2	73	127	16	4	98.5	135
2"	50	203	15.7	92	152	19	4	120.6	200
2.1/2"	65	216	17.5	105	178	19	4	139.7	250
3"	80	241	19	127	190.5	19	4	152.4	250
4"	100	292	24	157	229	19	8	190.5	300
5"	125	356	24	186	254	22	8	215.9	350
6"	150	406	25	216	279	22	8	241.3	350
8"	200	495	28.5	270	343	22	8	298.4	400
10"	250	622	30	324	406	25	12	362	450
12"	300	698	32	381	483	25	12	431.8	500

Dimensions 300#

(All Dimensions are in MM)

SIZE		A	B	ØC	ØD	ØM	N	PCD	ØW
Inch	MM								
1"	25	203	17.5	51	124	19	4	89	135
1.1/2"	40	229	20.5	73	155.5	22	4	114.3	200
2"	50	267	22	92	165	19	8	127	200
2.1/2"	65	292	25	105	190.5	22	8	149.3	200
3"	80	317.5	28.5	127	209.5	22	8	168	300
4"	100	356	32	157	254	22	8	200	350
5"	125	400	35	186	279.4	22	8	235	350
6"	150	444.5	36.5	216	317.5	22	12	269.7	400
8"	200	559	41	270	381	25	12	330.2	550
10"	250	622	47.5	324	444.5	28	16	387.4	600
12"	300	711	51	381	521	32	16	450.8	600

