

## CAST GLOBE VALVE

### O.S. & Y Bolted Bonnet, Flanged end

Size Range :

ASA 150# 25mm to 400 mm

ASA 300# 25mm to 250 mm

ASA 600# 25mm to 200 mm

#### MATERIAL OF SPECIFICATION

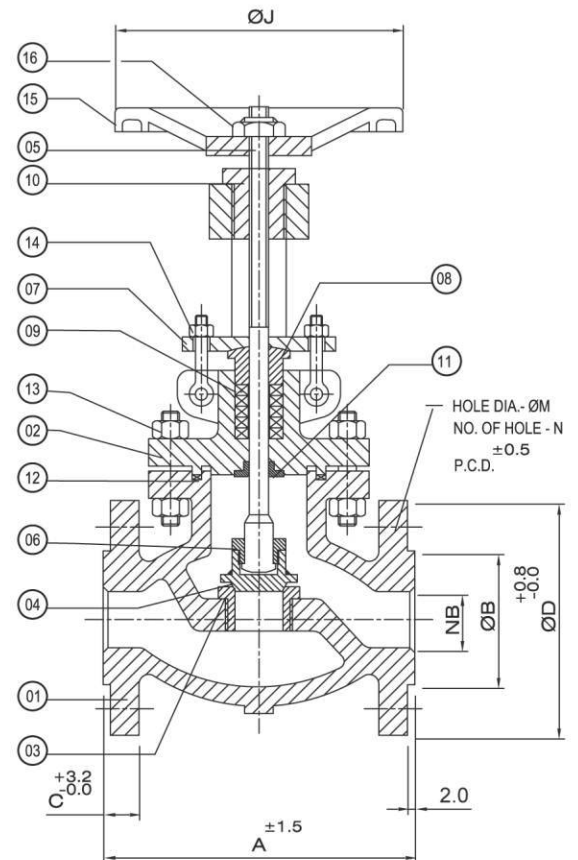
Sr.	MATERIAL	WCB	CF8	CF8M
1	Body	ASTMA 216 GR WCB	ASTMA351	ASTMA351
2	Bonnet	WCB	S.S.304	S.S.316
3	Seat	S.S. 410/ C.S. +13% Cr.	S.S.304	S.S.316
4	Disc	S.S. 410/ C.S. +13% Cr.	S.S.304	S.S.316
5	Stem	S.S.410	S.S.304	S.S.316
6	Stem Nut	S.S.410	S.S.304	S.S.316
7	Gland Flange	ASTMA216GR. WCB	S.S.304	S.S.316
8	Gland Bush	S.S.410	S.S.304	S.S.316
9	Gland Packing	100% Graphite	PTFE	
10	Yoke Nut	C.S. /S.G. Iron	S.G. Iron	
11	Back Seat	S.S.410	S.S. 304	
12	Gasket	Spiral Wound+Graphite Fill	S.S. 304 Spiral Wound + PTFE	
13	Stud & Nut	ASTMA 193 GR B7 / 2H	ASTMA 194 B8 / 8	
14	Eye Bolt & Nut	C.S. High Tensile	S.S.304	
15	Hand wheel	C.S./M.S. Fabricated	C.S./M.S. Fabricated	
16	Hand Wheel Nut	C.S.	S.S.304	

#### DIMENSIONS (IN MM)

Size	150#					
	A	ØB	C	ØD	N	PCD
15	108	35	10.0	90	4	60.3
20	118	43	10.9	100	4	69.8
25	127	51	11.6	110	4	79.3
40	165	73	14.7	125	4	98.4
50	203	92	16.3	150	4	120.6
65	216	105	17.9	180	4	139.7
80	241	127	19.5	190	4	152.4
100	292	157	24.3	230	8	190.5
125	356	186	24.3	255	8	215.9
150	406	216	25.9	280	8	241.3
200	495	270	29.0	345	8	298.5
250	622	324	30.6	405	12	361.9
300	699	381	32.2	485	12	431.8
350	787	413	35.4	535	12	476.2
400	914	470	37.0	595	16	539.7

#### DESIGN FEATURES

- ❖ Mfg. Std. API 6D / BS 1873
- ❖ Face to face As per ANSI B-16.10
- ❖ Testing As per BS 5146 / API 598



#### TEST PRESSURE

Test	Pressure	150#	300#
Hydro Body	PSIG	425	1100
	Kg/cm <sup>2</sup>	31	77
Hydro Seat	PSIG	326	800
	Kg/cm <sup>2</sup>	23	56
Backseat PR	PSIG	326	800
	Kg/cm <sup>2</sup>	23	56
Air Test Seat	PSIG	100	100
	Kg/cm <sup>2</sup>	7	7

AS WE CONTINUOUSLY ENDEAVOUR TO IMPROVE OUR PRODUCTS, THE DATA, DIMENSIONS, SPECIFICATIONS & DRAWINGS GIVEN HEREIN ARE SUBJECT TO CHANGE.

Manufactured By :



**Darshan**  
Valve & Controls

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