

Catalogue No. VE / 006

CAST STEEL GLOBE VALVE

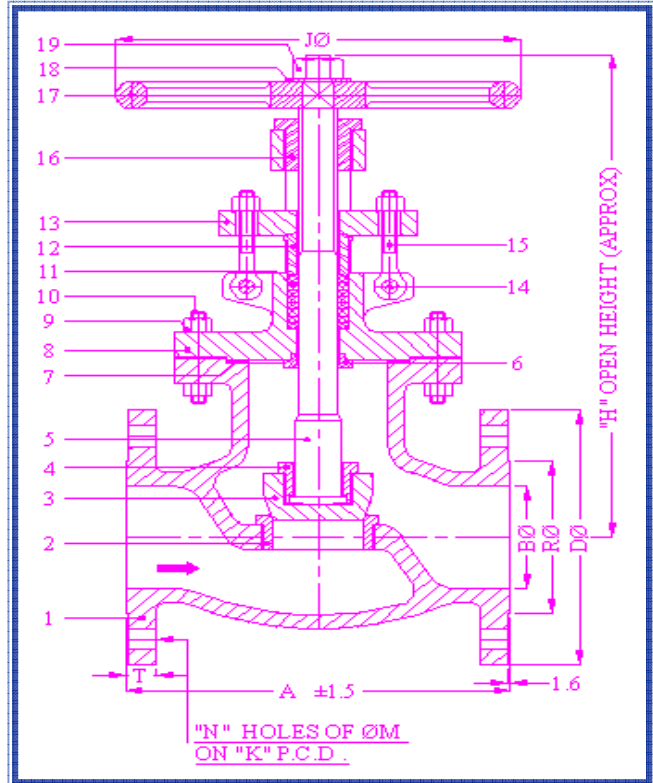
CLASS 300 / 600

TECHNICAL DATA

Manufacturing Standard : BS 1873
 Testing Standard : API 598 / BS 5146
 Face to Face to : ANSI B 16.10
 Flanges to : ANSI B 16.5

LIST OF MATERIALS

Sr.	Item	Qty.	Material
1	Body	1	ASTM A - 216 Gr. WCB ASTM A - 351 Gr.CF8 / CF8M
2	Seat ring	1	CS With 13% Cr.Facing AISI - 304 / 316(Integral)
3	Plug	1	CS With 13% Cr.Facing AISI - 304 / 316
4	Spindle Nut	1	AISI - 410 / 304 / 316
5	Spindle	1	AISI - 410 / 304 / 316
6	Bonnet Bush	1	AISI - 410
			AISI - 304 / 316 Integral
7	Gasket	1	Spiral Wound SS 304 With CAF Filler
8	Bonnet	1	ASTM A - 216 Gr. WCB ASTM A - 351 Gr.CF8 / CF8M
9	Bonnet Stud	As Req.	ASTM A - 193 Gr. B7
10	Bonnet Stud Nut	As Req.	ASTM A - 194 Gr. 2H
11	Gland Packing	Min 7	Inconel wire reinforced Graphited asbestos.
12	Gland Bush	1	AISI - 410 / 304 / 316
13	Gland Flange	1	Carbon Steel / AISI - 304
14	Cross bolt & Nut	2	Carbon Steel / AISI - 304
15	Eye bolt & Nut	2	Carbon Steel / AISI - 304
16	Yoke Nut	1	Al.Bronze / Ni - Resist
17	Hand Wheel	1	Cast Iron / M.I
18	Washer	1	Carbon Steel
19	Hand Wheel Nut	1	Carbon Steel



A S A - 300

SIZE	B	A	D	T	R	K	N	M	H	J
40	38	229	156	21	73	114	4	22	305	152
50	51	267	165	22	92	127	8	19	405	200
65	63	292	191	25	105	149	8	22	470	250
80	76	318	210	29	127	168	8	22	505	250
100	102	356	254	32	157	200	8	22	615	300
150	152	445	318	37	216	270	12	22	865	350
200	203	559	381	41	270	330	12	25	1092	450
250	254	622	445	48	324	387	16	29	1300	500
300	306	711	521	51	381	451	16	32	1440	550

A S A - 600

SIZE	B	A	D	T	R	K	N	M	H	J
50	51	292	165	25	92	127	8	19	480	250
65	63	330	190	29	105	149	8	22	530	250
80	76	356	210	32	127	168	8	22	630	300
100	102	432	273	38	157	216	8	25	750	350
150	154	559	356	48	216	292	12	29	975	450
200	203	660	419	56	270	349	12	32	1230	500

SERVICE RATING & TEST PRESSURE (P S I G)

CLASS	TEMP	HYDRO.		
		BODY	SEAT	SEAT AIR
300	850°F	1114	814	100
600	850°F	2232	1629	100

ENGINEERING OPTIONS:

- 1) Stelling is done on Seat ring & Plug if required.
- 2) Remote operation on request

Note :

- 1) For 600 # Raised face Thickness = 6.4
- 2) For 600 # raised face thickness is not included to flange thickness.

All Dimensions are in M.M