

FORGED STEEL GLOBE VALVES
CLASS 1500、2500

FIG.33A Series

Bill of Materials & Parts

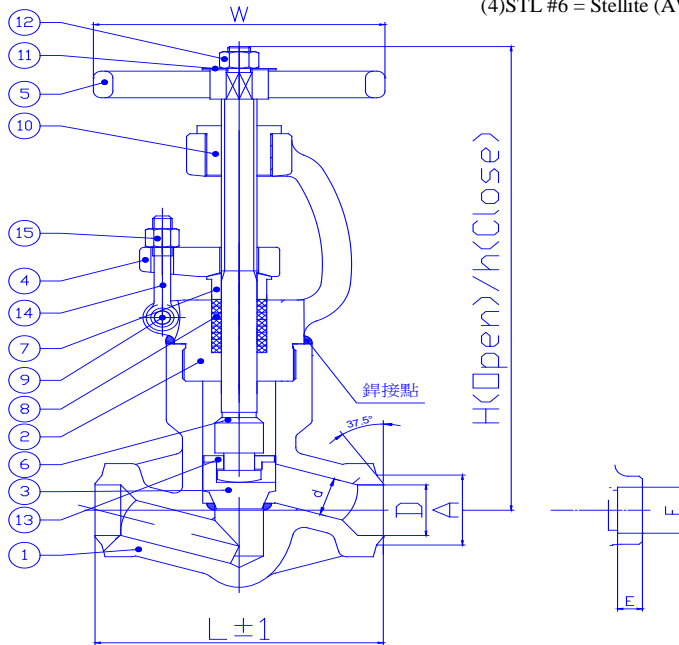
Part No.	Part Name	QTY	ASTM Specifications (Specs.-Grades/Types)										
			A105	A350	A182								
				LF2	F11	F22	F5	F9	F304	F304L	F316	F316L	
1	BODY (SEAT)	1	A105+STLT	A350-LF2+STLT	A182-F11+STLT	A182-F22+STLT	A182-F5+STLT	A182-F9+STLT	A182-F304+STLT	A182-F304L+STLT	A182-F316+STLT	A182-F316L+STLT	
2	BONNET (BUSH) *	1	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F304L	A182-F316	A182-F316L	
3	DISC	1	A276-420+STLT						A276-304+STLT	A276-304L+STLT	A276-316+STLT	A276-316L+STLT	
4	GLAND FLANGE	1	WCB	LCB	WC6	WC9	C5	C12	A351-CF8 / A182-F304				
5	HAND WHEEL	1	A536 (65-45-12)										
6	STEM	1	A276-410						A276-304	A276-304L	A276-316	A276-316L	
7	GLAND	1	A276-410						A276-304	A276-304L	A276-316	A276-316L	
8	GLAND PACKING	A/R	SLADE #3300i										
9	EYE BOLT PIN	2	A580-410T						A580-304A				
10	STEM NUT	1	A276-410 + Nitrided										
11	WASHER	1	A181 / A536										
12	HAND WHEEL NUT	1	A36										
13	DISC NUT	1	A276-410						A276-304	A276-304L	A276-316	A276-316L	
14	EYE BOLT	2	A193-B8			A193-B8			A193-B8				
15	EYE BOLT NUT	2	A194-8			A194-8			A194-8				

NOTE : (1)*Stellite Hard Faced. (Option)

(2)Other Materials Also Available on Requested.

(3)KING GATE Reserves The Right To Change Designs, Materials or Specifications Without Notice.

(4)STL #6 = Stellite (AWS A5.13 ER CoCr-A)



Weld Ends

Socket Ends

DESIGN DESCRIPTION

- Welding Bonnet
- Outside Screw and Yoke
- Loose Disc
- Rising Stem and Handwheel
- Integral Seat

STANDARD

- Steel Valves : ASME B16.34
- End to End : KING GATE's Standard
- Screwed Ends : ASME B1.20.1
- Socket Weld Ends : ASME B16.11
- Butt Welding Ends : ASME B36.10M
- Pressure Test : ASME B16.34 ; API 598
- ISO-5208

Unit : mm

CLASS 1500										CLASS 2500									
SIZE	d	L	W	H	h	E	F	D	WT-Kg (APPROX)	SIZE	d	L	W	H1	H	E	F	D	WT-Kg (APPROX)
1/2"	10	140	200	325	312	9.5	21.8	15	10.8	1/2"	10	186	180	325	312	9.5	21.8	15	10.8
3/4"	13	140	200	325	312	12.5	27.2	18.8	10.5	3/4"	13	186	180	325	312	12.5	27.2	18.8	11.6
1"	17.5	140	200	325	312	12.5	33.8	24.3	11.5	1"	17.5	186	180	325	312	12.5	33.8	24.3	12.3
1-1/2"	28	178	280	412	395	12.5	48.7	38.1	21.1	1-1/2"	28	232	280	412	395	12.5	48.7	38.1	28.4
2"	35	216	300	475	453	16	61.2	49.3	55.4	2"	35	279	300	475	453	16	61.2	49.3	60