



602-0070



6D-1580



FORGED STEEL GATE VALVES
CLASS 1500/2500

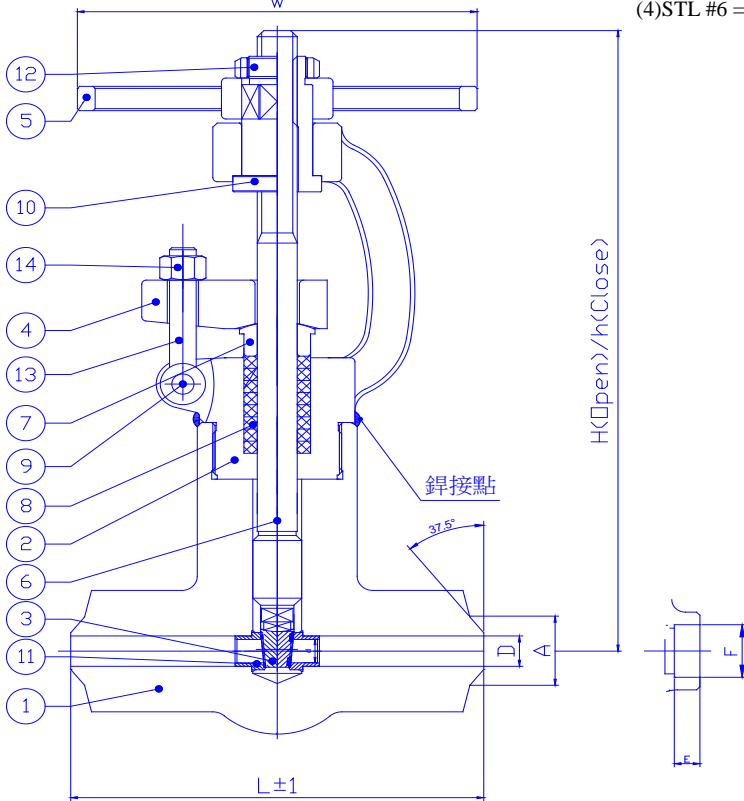
FIG.45A Series

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	1	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F304L	A182-F316	A182-F316L	
2	BONNET (BUSH) *	1	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F304L	A182-F316	A182-F316L	
3	WEDGE	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	YOKE SLEEVE	1	A276-410 + Nitrided										
11	SEAT RING	1	A276-410+STLT						A276-304+STLT	A276-304L+STLT	A276-316+STLT	A276-316L+STLT	
12	HAND WHEEL NUT	1	A36										
13	EYE BOLT	2	A193-B8			A193-B8			A193-B8				
14	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)



DESIGN DESCRIPTION

- Welding Bonnet
- Outside Screw and Yoke
- Wedge Disc
- Rising Stem and Non-Rising Handwheel
- Renewable Seat Ring
- Screwed Ends or Socket Weld Ends
- Butt Welding Ends

STANDARD

- Steel Valves : ASME B16.34 ; API 602
- End to End : KING GATE's Standard
- Screwed Ends : ASME B1.20.1
- Socket Ends : ASME B16.11
- Butt Welding Ends : ASME B36.10M
- Pressure Test : ASME B16.34 ; API 598
- ISO-5208

Weld Ends

Socket Ends

Unit : mm

CLASS 1500										CLASS 2500									
SIZE	d	L	W	H	h	E	F	D	WT-Kg (APPROX)	SIZE	d	L	W	H	h	E	F	D	WT-Kg (APPROX)
1/2"	10.5	140	200	293	280	9.5	21.8	15	11.5	1/2"	10.5	186	200	293	280	9.5	21.8	15	11.6
3/4"	13.5	140	200	296	280	12.5	27.2	18.8	10.8	3/4"	13.5	186	200	296	280	12.5	27.2	18.8	12.3
1"	18	140	200	300	280	12.5	33.8	24.3	10.5	1"	18	186	200	300	280	12.5	33.8	24.3	12.3
1-1/2"	29	178	280	419	387	12.5	48.7	38.1	21	1-1/2"	29	232	280	419	387	12.5	48.7	38.1	28.4
2"	36.5	216	300	474	435	16	61.2	49.3	55.4	2"	36.5	279	300	474	435	16	61.2	49.3	60.0