



FORGED STEEL GLOBE VALVES CLASS 800 (150 ~ 800)

FIG.33A Series

Bill of Materials & Parts

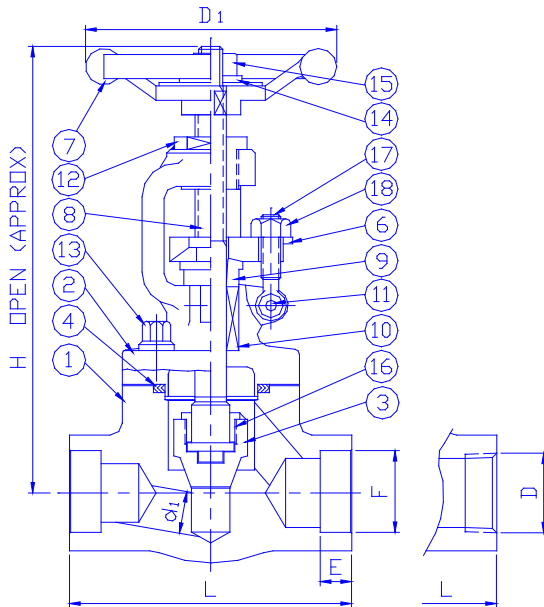
Part No.	Part Name	QTY	ASTM Specifications (Specs.-Grades/Types)							
			A105	A350	A182					
				LF2	F11	F22	F304	F304L	F316	F316L
1	BODY (SEAT) *	1	A105	A350-LF2	A182-F11	A182-F22	A182-F304	A182-F304L	A182-F316	A182-F316L
2	BONNET (BUSH) *	1	A105	A350-LF2	A182-F11	A182-F22	A182-F304	A182-F304L	A182-F316	A182-F316L
3	DISC *	1	A276-420				A276-304	A276-304L	A276-316	A276-316L
4	GASKET	1	GRAFOIL + 304 SPIRAL WOUND							
6	GLAND FLANGE	1	A181 / A216-WCB				A351-CF8 / A182-F304			
7	HAND WHEEL	1	A536 (65-45-12)							
8	STEM	1	A276-410				A276-304	A276-304L	A276-316	A276-316L
9	GLAND	1	A276-410				A276-304			
10	GLAND PACKING	A/R	GRAFOIL + CARBON FIBER							
11	EYE BOLT PIN	2	A580-410T				A580-304A			
12	STEM NUT	1	A276-410 + Nitrided							
13	BONNET BOLT	A/R	A193-B7				A193-B8			
14	WASHER	1	A181 / A536							
15	HAND WHEEL NUT	1	A536 (65-45-12)							
16	DISC NUT	1	A276-410				A276-304	A276-304L	A276-316	A276-316L
17	EYE BOLT	2	A193-B8							
18	EYE BOLT NUT	2	A194-2H				A194-8			

NOTE : (1)*Stellite Hard Faced.

(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)



Socket Weld Ends

Screwed Ends

DESIGN DESCRIPTION

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

STANDARD

Steel Gate Valves : API 602
Steel Valves : ASME B16.34
End to End : KING GATE's Standard
Screwed Ends : ASME B1.20.1
Socket Weld Ends : ASME B16.11
Pressure Test : API 598 (API 602) : ISO-5208
ASME B16.34

Unit : mm

CLASS 800								
SIZE	d1	D	F	E	L	D1	H [OPEN]	WT-lbs [APPROX.]
1/2"	9.5	1/2 NPT	21.7	9.6	79.0	89.0	155.5	2.4
3/4"	13.0	3/4 NPT	27.1	12.7	92.0	89.0	160.0	2.5
1"	17.5	1 NPT	33.9	12.7	111.0	102.0	202.5	3.7
1-1/4"	30.0	1-1/4 NPT	42.6	12.7	152.0	146.0	251.5	7.6
1-1/2"	30.0	1-1/2 NPT	48.7	12.7	152.0	146.0	251.5	7.8
2"	38.1	2 NPT	61.1	15.9	172.0	178.0	285.5	11.5