

FORGED STEEL GLOBE VALVES

CLASS 150 / 300 / 600

FIG.FX33A Series



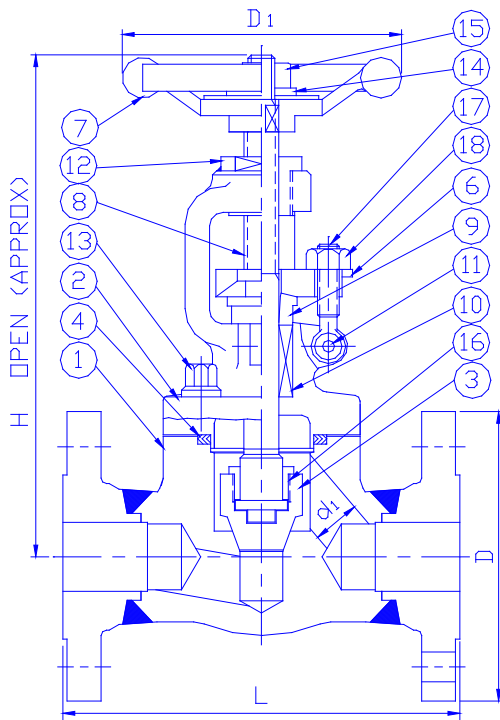
Bill of Materials & Parts

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 + Nitridized							
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.



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
Face to Face : ASME B16.10
End Flanges : ASME B16.5
Pressure Test : API 598
ISO-5208 ASME B16.34

CLASS 150						
SIZE	d1	D	D1	L	H [OPEN]	Wts.-kg [APPROX.]
1/2"	9.5	89.0	89.0	108.0	165.0	3.5
3/4"	13.0	98.0	89.0	118.0	170.0	3.6
1"	17.5	108.0	102.0	127.0	202.5	6.0
1-1/4"	30.0	117.0	146.0	140.0	251.5	11.5
1-1/2"	30.0	127.0	146.0	165.0	251.5	11.7
2"	38.1	152.0	178.0	203.0	285.5	17.2

CLASS 300						
SIZE	d1	D	D1	L	H [OPEN]	Wts.-kg [APPROX.]
1/2"	9.5	95.0	89.0	152.0	165.0	4.0
3/4"	13.0	117.0	89.0	178.0	170.0	5.5
1"	17.5	124.0	102.0	203.0	202.5	7.1
1-1/4"	30.0	133.0	146.0	216.0	251.5	13.9
1-1/2"	30.0	156.0	146.0	229.0	251.5	14.1
2"	38.1	165.0	178.0	267.0	285.5	18.8

CLASS 600						
SIZE	d1	D	D1	L	H [OPEN]	Wts.-kg [APPROX.]
1/2"	9.5	95.0	102.0	165.0	160.0	5.2
3/4"	13.0	117.0	102.0	190.0	160.0	6.8
1"	17.5	124.0	121.0	216.0	190.0	8.4
1-1/4"	30.0	133.0	146.0	229.0	251.5	16.0
1-1/2"	30.0	156.0	146.0	241.0	251.5	16.2
2"	38.1	165.0	178.0	292.0	280.0	22.1