



FORGED STEEL
INTEGRAL FLANGED GLOBE VALVES
JIS 10K/20K

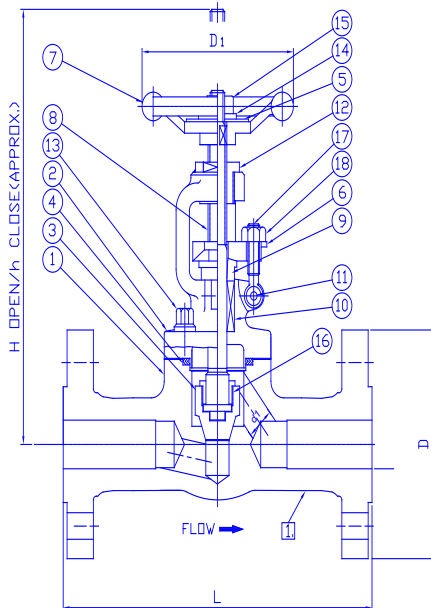
FIG.FX33A Series

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	GASKET	1	GRAPHITE 316L 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	SLADE #3300i										
11	EYE BOLT PIN	2	A580-410T					A580-304A					
12	STEM NUT	1	A276-410 + Nitrided										
13	BONNET BOLT	A/R	A193-B7		A193-B16				A193-B7				
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-B7		A193-B16				A193-B7				
18	EYE BOLT NUT	2	A194-2H		A194 GR.7				A194-2H				

NOTE : (1) Integral Flanged Body. (4) KING GATE Reserves The Right To Change Designs ,
 (2) Other Materials Also Available on Requested. Materials or Specifications Without Notice.
 (3) *Stellite Hard Faced. (Option) .

Unit : mm



JIS 10K						
SIZE	d1	D	D1	L	H [OPEN / CLOSE]	Wts.-kg [APPROX.]
1/2"	10.0	90.0	100.0	108.0	164 / 156	3.5
3/4"	13.0	100.0	100.0	118.0	166 / 157	3.6
1"	17.5	110.0	125.0	127.0	204 / 190	6.0
1-1/4"	28.0	117.0	160.0	140.0	229 / 212	11.5
1-1/2"	28.0	127.0	160.0	165.0	231 / 214	11.7
2"	36.0	152.0	180.0	203.0	267 / 247	17.2

Unit : mm

JIS 20K						
SIZE	d1	D	D1	L	H [OPEN / CLOSE]	Wts.-kg [APPROX.]
1/2"	10.0	95.0	100.0	152.0	164 / 156	4.0
3/4"	13.0	117.0	100.0	178.0	166 / 157	5.5
1"	17.5	125.0	125.0	203.0	204 / 190	7.1
1-1/4"	28.0	133.0	160.0	216.0	229 / 212	13.9
1-1/2"	28.0	155.0	160.0	229.0	231 / 214	14.1
2"	36.0	165.0	180.0	267.0	267 / 247	18.8

DESIGN DESCRIPTION

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

STANDARD

Steel Globe Valves : API 602
 Steel Valves : ASME B16.34
 Face to Face : JIS B 2002
 End Flanges : JIS B 2210
 Pressure Test : JIS B 2003