



FORGED STEEL GATE VALVES

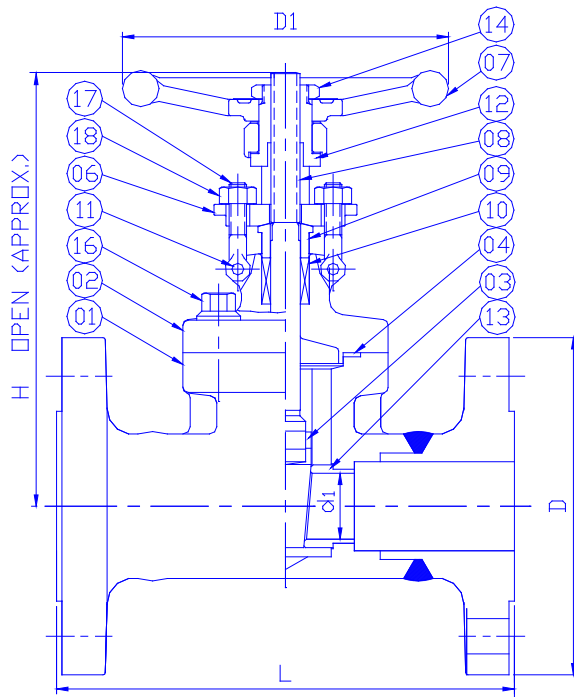
CLASS 150 / 300 / 600

FIG.FX45A 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	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	WEDGE	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	A182-316L
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	YOKE SLEEVE	1	A276-410 + Nitrided							
13	SEAT RING	1	A276-410				A276-304	A276-304L	A276-316	A276-316L
14	HAND WHEEL NUT	1	A181 / A536							
16	BONNET BOLT	A/R	A193-B7				A193-B8			
17	EYE BOLT	2	A193-B8							
18	EYE BOLT NUT	2	A194-2H				A194-8			

NOTE : (1) KING GATE Reserves The Right To Change Designs, Materials or Specifications Without Notice.
(2) Other Materials Also Available on Requested.



DESIGN DESCRIPTION

Bolted Bonnet
Outside Screw and Yoke
Wedge Disc
Rising Stem and Non-Rising
Handwheel
Renewable Seat Ring

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
ASME B16.34
ISO-5208

CLASS 150						
SIZE	d1	D	D1	L	H [OPEN]	Wts.-kg [APPROX.]
1/2"	12.70	89.00	102.00	108.00	160	3.2
3/4"	12.70	98.00	102.00	118.00	160	3.6
1"	17.53	108.00	121.00	127.00	190	5
1-1/4"	28.70	117.00	146.00	140.00	252	10.3
1-1/2"	28.70	127.00	146.00	165.00	252	10.5
2"	38.10	152.00	178.00	178.00	280	16.1

CLASS 300						
SIZE	d1	D	D1	L	H [OPEN]	Wts.-kg [APPROX.]
1/2"	12.70	95.00	102.00	140.00	160	3.9
3/4"	12.70	117.00	102.00	152.00	160	5.3
1"	17.53	124.00	121.00	165.00	190	6.8
1-1/4"	28.70	133.00	146.00	178.00	252	13.1
1-1/2"	28.70	156.00	146.00	190.00	252	13.3
2"	38.10	165.00	178.00	216.00	280	17.4

CLASS 600						
SIZE	d1	D	D1	L	H [OPEN]	Wts.-kg [APPROX.]
1/2"	12.70	95.00	102.00	165.00	160	5.1
3/4"	12.70	117.00	102.00	190.00	160	6.8
1"	25.40	124.00	121.00	216.00	190	8.7
1-1/4"	31.75	133.00	146.00	229.00	252	16.7
1-1/2"	38.10	156.00	146.00	241.00	252	16.9
2"	50.80	165.00	178.00	292.00	280	20.1