

FORGED STEEL CHECK VALVES
CLASS 800 (150 ~ 800)

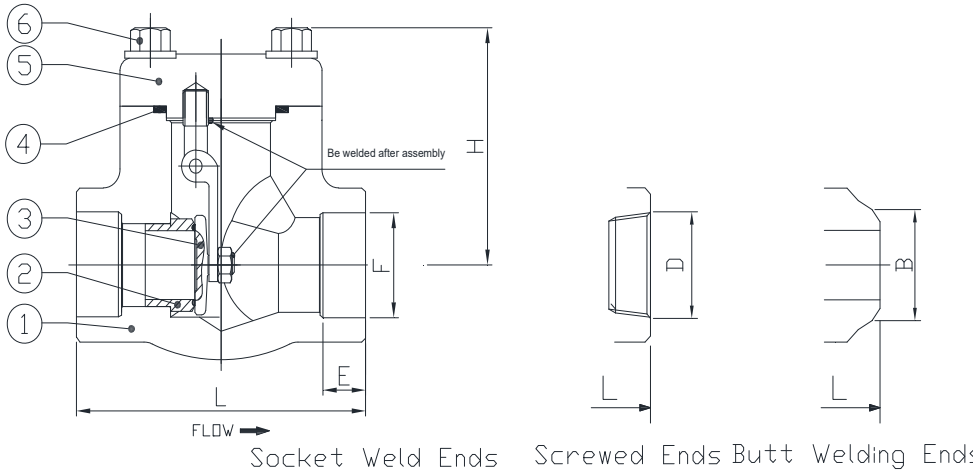
FIG.53A Series



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	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F304L	A182-F316	A182-F316L	HF on request
2	BONNET	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						A276-304	A276-304L	A276-316	A276-316L	HF on request
4	GASKET	1	GRAFOIL 304 SPIRAL WOUND										
6	BONNET	1	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F304L	A182-F316	A182-F316L	
7	BONNET BOLT	1	A193-B7						A193-B8				

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 Cover
 Horizontal Piston Type
 Integral Seat

STANDARD

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

Unit : mm

CLASS 800									
SIZE	d1	D	B	F	E	L	H		Wts-kg [APPROX.]
1/2"	9.5	1/2 NPT	21.3	21.8	10.0	79.0	61.0		1.6
3/4"	13.0	3/4 NPT	26.7	27.2	13.0	92.0	61.0		1.7
1"	17.5	1 NPT	33.4	33.9	13.0	111.0	78.0		2.5
1-1/4"	30.0	1-1/4 NPT	42.2	42.7	13.0	120.0	82.0		5.5
1-1/2"	30.0	1-1/2 NPT	48.3	48.8	13.0	120.0	84.0		5.7
2"	38.1	2 NPT	60.3	61.2	16.0	140.0	120.0		8.6