



MATERIAL OF CONSTRUCTION

NO.	PART	MATERIAL
1	Body	CF8M CF8 WCB
2	End Cap(Thread)	CF8M CF8 WCB
2	End Cap(Welding)	CF3M CF8 WCB
3	Ball	CF8M CF8
4	Ball Seat	TFM1 600+15%Carbon
5	Anti-Static	SUS316 SUS304
6	Stem	SUS316 SUS304
7	Bolting	A193-B8
8	Thrust washer	TFM1 600+15%Carbon
9	O-Ring	FKM(VITON)
10	V-Ring Packing	PTFE/GRAFOIL *
11	Bushing	50%SS+50%PTFE/SUS304*
12	Gland	SUS316
13	Belleville Washer	SUS301
14	Stem Nut	A194-8
15	Stop-lock-Cap	SUS304
16	Handle Gland	SUS304
17	Handle Nut	A194-8
18	Handle Sleeve	VINYL PLASTIC
19	Handle(Lock Device)	SUS304
20	Bolt Washer	SUS304
21	Bolting Nut	A194-8
22	Body Gasket	PTFE/316ss+GRAFOIL *
23	Stop Bolt	A193-B8
24	Stop Nut	A194-8

*Materials for Fire Safe Models

Unit:mm

ANSI 1500-2000WOG DIMENSION TABLE

SIZE	Ød	L	LB	LE	H	H1	ØE1	ØE2	G	ØU1	ØU2	A	W	L1	ØB1	ØB2	ØB3	ISO5211
1/4"	10.6	75.0	70.0	165.0	43.0	83.0	36.0	42.0	9.0	6.0	6.0	7.0	135.0	10.0	14.0	7.6	18.0	F03-F04
3/8"	12.7	75.0	70.0	165.0	43.0	83.0	36.0	42.0	9.0	6.0	6.0	7.0	135.0	10.0	18.0	10.7	18.0	F03-F04
1/2"	15.0	75.0	70.0	165.0	43.0	83.0	36.0	42.0	9.0	6.0	6.0	7.0	135.0	10.0	22.0	13.9	22.0	F03-F04
3/4"	20.0	80.0	90.0	190.0	43.0	77.0	36.0	50.0	9.0	6.0	7.0	9.0	135.0	13.0	27.5	18.8	28.0	F03-F05
1"	25.0	90.0	100.0	216.0	50.0	87.5	42.0	50.0	11.0	6.0	7.0	11.0	170.0	13.0	34.5	24.3	34.0	F04-F05
1-1/4"	32.0	110.0	110.0	229.0	58.0	103.0	50.0	70.0	11.0	6.0	9.0	14.0	200.0	16.0	43.0	32.5	43.0	F04-F07
1-1/2"	38.0	120.0	125.0	241.0	63.0	106.0	50.0	70.0	14.0	7.0	9.0	14.0	200.0	16.0	48.6	38.1	50.0	F05-F07
2"	50.0	140.0	150.0	292.0	74.5	117.0	50.0	70.0	14.0	7.0	9.0	14.0	200.0	17.0	61.2	49.2	61.0	F05-F07

Mark	Amount	Subarea	Revision	NO.	Signature	Date
Drawing	1	吴为	99/07/15	1		
Design	1	姜春林	99/08/25	1		
Check	1	张保民	99/07/15	1		

Standardization	Approve

1/4"-2" 1500-2000WOG	Material NO.
3PC Ball Valve	
Assembly Drawing	
KV-1.80/L81/L82	918061 □□0004640

Projection	Material	CF8M/CF8	Edition
			0

Proportion	Weight	Page of

Kingdom Precision Casting Co., Ltd.