



MATERIAL OF CONSTRUCTION

NO.	PART NAME	MATERIALS		
1	Body	CF8M	CF8	WCB
2	End Cap	CF8M	CF8	WCB
3	Ball	CF8M	CF8	
4	Ball Seat	TFM1600/PTFE/RTFE		
5	Bolting	A193-B8	A193-B7	
6	Stem(AntiStatic)	SUS316	SUS304	
7	Thrust washer	TFM1600/PTFE/RTFE		
8	O-Ring	FKM(VITON)		
9	V-Ring Packing	PTFE/GRAFOIL*		
10	Bushing	50%SS+50%PTFE/SUS304*		
11	Gland	SUS316		
12	Belleville Washer	SUS301		
13	Stem Nut	A194-8		
14	Stop-lock-Cap	SUS304		
15	Handle Gland	SUS304		
16	Handle Nut	A194-8		
17	Handle(1/2"~2-1/2")	SUS304		
18	Lock Device(1/2"~2-1/2")	SUS304		
19	Handle Sleeve(1/2"~2-1/2")	VINYL PLASTIC		
20	Body Gasket	TFM1600/PTFE/316ss+GRAFOIL*		
21	Bolt Nut	A194-8	A194-2H	
22	Stop Bolt	A193-B8		
23	Stop Nut	A194-8		
24	Handle Adapter(3"~8")	A351-CF8		
25	Set Screwed(3"~8")	A193-B8		
26	Pipe Handle(3"~8")	A53+PLATED Zn		
27	Triangle Stopper(3"~8")	SUS304		
28	Handle Sleeve(3"~8")	VINYL PLASTIC		

*Materials for KV-L61 Series(Fire Safe Models)

ANSI CLASS 150 DIMENSION TABLE

SIZE	Ød	L	ØR	ØD	ØC	T	f	N	Øh	H	H1	M	□P	ØA1	ØA2	ØB1	ØB2	W
1/2"	Ø15.0	108.0	Ø35.0	Ø89.0	Ø60.5	10.1	2.0	4.0	Ø16.0	48.0	78.0	9.0	□9.0	Ø6.0	Ø6.0	Ø36.0	Ø42.0	145.0
3/4"	Ø20.0	117.0	Ø43.0	Ø98.6	Ø70.0	10.9	2.0	4.0	Ø16.0	53.0	84.0	9.0	□9.0	Ø6.0	Ø7.0	Ø36.0	Ø50.0	145.0
1"	Ø25.0	127.0	Ø51.0	Ø108.0	Ø79.2	11.6	2.0	4.0	Ø16.0	58.5	89.3	11.0	□11.0	Ø6.0	Ø7.0	Ø42.0	Ø50.0	175.0
1-1/4"	Ø32.0	140.0	Ø63.5	Ø117.0	Ø88.9	13.1	2.0	4.0	Ø16.0	71.0	101.0	11.0	□11.0	Ø6.0	Ø9.0	Ø42.0	Ø70.0	175.0
1-1/2"	Ø38.0	165.0	Ø73.2	Ø127.0	Ø98.6	14.6	2.0	4.0	Ø16.0	76.0	107.0	14.0	□14.0	Ø7.0	Ø9.0	Ø50.0	Ø70.0	190.0
2"	Ø50.0	178.0	Ø92.0	Ø152.5	Ø120.7	16.3	2.0	4.0	Ø19.0	81.0	112.0	14.0	□14.0	Ø7.0	Ø9.0	Ø50.0	Ø70.0	190.0
2-1/2"	Ø63.0	190.0	Ø104.7	Ø177.8	Ø139.7	17.9	2.0	4.0	Ø19.0	101.5	150.0	17.0	□17.0	Ø9.0	Ø11.0	Ø70.0	Ø102.0	265.0
3"	Ø76.0	203.0	Ø127.0	Ø190.5	Ø152.4	19.5	2.0	4.0	Ø19.0	111.5	176.0	17.0	□17.0	Ø9.0	Ø11.0	Ø70.0	Ø102.0	300.0
4"	Ø100.0	229.0	Ø157.0	Ø228.6	Ø190.5	24.3	2.0	8.0	Ø19.0	140.0	204.0	22.0	□22.0	non	Ø11.0	non	Ø102.0	400.0
5"	Ø125	356.0	Ø186.0	Ø254.0	Ø216.0	24.4	2.0	8.0	Ø22.3	183.0	255.5	27.0	□27.0	Ø14.0	non	Ø125.0	non	600.0
6"	Ø150	394.0	Ø216.0	Ø279.4	Ø241.3	25.8	2.0	8.0	Ø22.3	203.0	275.0	27.0	□27.0	Ø14.0	non	Ø125.0	non	800.0
8"	Ø200.0	457.0	Ø270.0	Ø342.9	Ø298.5	28.9	2.0	8.0	Ø22.3	252.5	328.0	27.0	□27.0	Ø14.0	non	Ø125.0	non	800.0

Unit: mm

						1/2-8" Class 150 2PC RF Ball Valve Assembly Drawing KV-L41/L61		Materia NO.	
								Draw. NO. 9141 □ □ □ □ 0024640	
Mark	Amount	Subarea	Revision NO.	Signature	Date	Projection		Material CF8M/CF8/WCB	
Design	吴为	09/7/15	Recheck			Proportion		Edition 0	
Check	娄春林	04/6/1				Weight		Page of	
Standardization	张保民	09/7/15				<p>Part Number NTC KV-L61</p> <p>ANSI 150</p>			