



APPLICABLE STANDARDS:
 Design Standard: EN12516-1
 Flanged Ends: EN1092-1 PN10-PN40
 Inspection&Testing: EN12266-1

32	Handle Sleeve (DN65~DN100)	VINYL PLASTIC		
31	Pipe Handle (DN65~DN100)	A53+PLATED Zn		
30	Bolting (DN65~DN100)	A2-70		
29	Set Screwed (DN65~DN100)	A2-70		
28	Handle Adapter (DN65~DN100)	CF8		
27	Stop Nut	A2-70		
26	Stop Bolt	A2-70		
25	Body Gasket(3) (DN65~DN100)	PTFE/Grafoil		
24	End Cap(2)	1.4408	1.4308	1.0619
23	Bottom Cap	1.4408	1.4308	1.0619
22	Body Gasket(2)	PTFE/Grafoil		
21	Jacket	PTFE		
20	Washer	PTFE		
19	Bolting	A2-70	8.8	
18	Body Gasket(1)	PTFE/Grafoil		
17	Handle Sleeve (DN15~DN50)	VINYL PLASTIC		
16	Handle+Lock Device(DN15~DN50)	304		
15	Handle Nut (DN15~DN50)	A194-8		
14	Handle Gland	304		
13	Stop-lock-cap	304		
12	Stem Nut	A194-8		
11	Belleville Washer	301		
10	Gland	316		
9	Bushing	50%SS+50%PTFE/304		
8	Packing	PTFE/Grafoil		
7	O-Ring	FKM		
6	Thrust Washer	PTFE		
5	Stem (Anti-Static Device)	316	304	
4	Ball Seat	PTFE/TFM1600		
3	Ball	CF8M	CF8	
2	End Cap(1)	1.4408	1.4308	1.0619
1	Body	1.4408	1.4308	1.0619
No.	PART NAME	MATERIALS		

EN PN10/16/25/40 DIMENSION TABLE

Unit:mm

SIZE	PN	d	L	R	D	C	f	T	H	H1	N	h	W	P	M	U1	U2	E1	E2	ISO5211
DN15 1/2"	10	15	150	45	95	65	2	16	53	83	4	14	147	9	9	6	6	36	42	F03-F04
DN20 3/4"	10	20	165	58	105	75	2	18	57	87	4	14	147	9	9	6	7	36	50	F03-F05
DN25 1"	16	25	180	68	115	85	2	18	68	99	4	14	177	11	11	6	7	42	50	F04-F05
DN32 1-1/4"	25	32	190	78	140	100	2	18	72	103	4	18	177	11	11	6	9	42	70	F04-F07
DN40 1-1/2"	40	38	212	88	150	110	3	18	85	119	4	18	197	14	14	7	9	50	70	F05-F07
DN50 2"	40	49	230	102	165	125	3	20	92	126	4	18	197	14	14	7	9	50	70	F05-F07
DN65 2-1/2"	10/16 25/40	63	290	122	185	145	3	18	107	172	4	18	400	17	17	9	11	70	102	F07-F10
DN80 3"	10/16 25/40	75	310 340	138	200	160	3	20 24	119	185	8	18	400	17	17	9	11	70	102	F07-F10
DN100 4"	10/16 25/40	99	352 386	158 162	220 235	180 190	3	20 24	150	221	8	18 22	400	22	22	non	11	non	102	F10

						DN15-DN100 PN10-40 3-Way Ball Valve Assembly Drawing		Material No.			
								Draw. No.		KV-L5K/N	
Mark	Amount	Subarea	Revision No.	Signature	Date	Projection		Material	1.4408/1.4308 /1.0619	Edition	
Drawing	yf.Qiao		2017-01-04	Recheck		Proportion		Weight		Page of	
Design											
Check											
Standardization				Approve							

Kingdom FLOW CONTROL CO., LTD.