

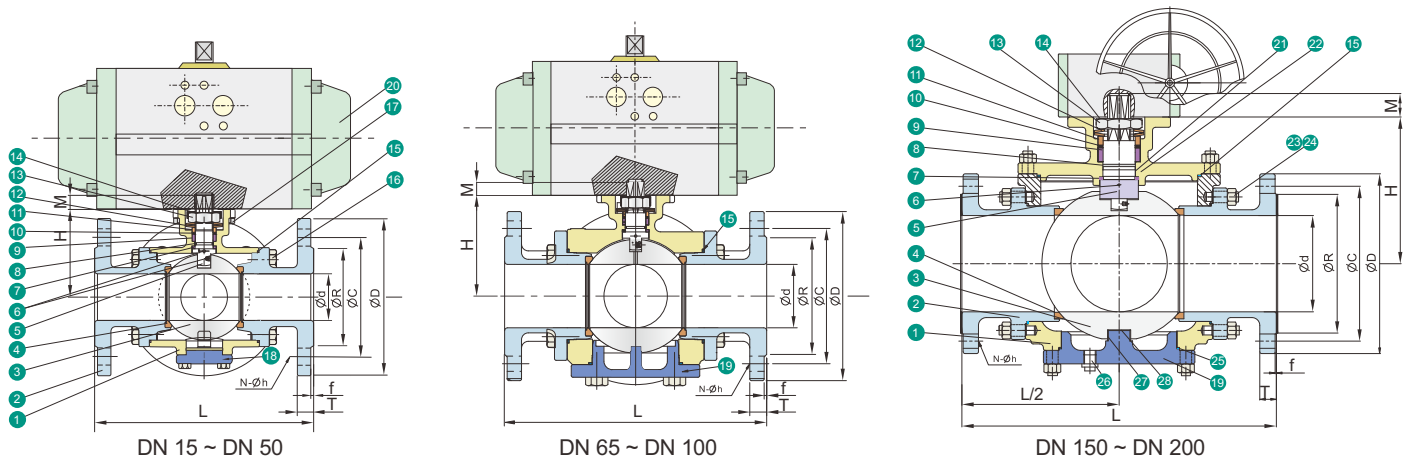
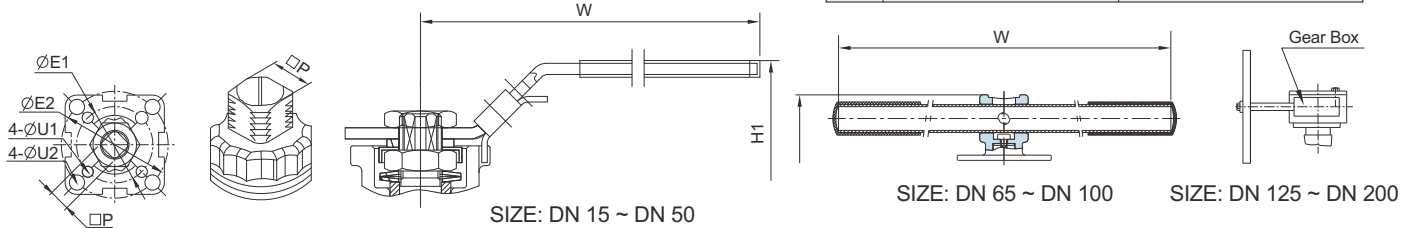
FEATURES:

- Built-in ISO 5211 Direct Mounting Pad for Easy Automation
- Anti-Static Devices for Ball-Stem-Body
- Blow-out Proof Stem
- **TA-LUFT** Design Approved
- Top Entry For DN150~DN200
- Positive Position Location At 90° Increments
- Locking in Every 90° Increments
- KV-L5K/L, KV-L5N/L: L-Port
KV-L5K/T, KV-L5N/T: T-Port
KV-L5K/X, KV-L5N/X: LL-Port
- Options: 1. Actuator 2. Limit Switch 3. Positioner

APPLICABLE STANDARDS:

- Design: DIN 3357/1,2, EN12516-1
- Flanged Ends : EN1092-1 PN10-PN40
- Wall Thickness: ASME16.34
- Inspection & Testing: DIN 3230/3, EN12266

NO.	PART NAME	MATERIALS		
1	Body	1.4408	1.4308	1.0619
2	Cap	1.4408	1.4308	1.0619
3	Ball	1.4408	1.4308	
4	Ball Seat	TFM1600 / PTFE		
5	Stem	SUS316	SUS 304	
6	Anti-Static Device	SUS316	SUS 304	
7	Thrust Washer	PTFE		
8	O-Ring	FKM		
9	Stem Packing	PTFE		
10	Bushing	50%SS + 50%PTFE		
11	Gland	SUS316		
12	Belleville Washer	SUS301		
13	Stem Nut	A194-8		
14	Stop-lock-cap	SUS304		
15	Body Gasket	PTFE		
16	Bolt	A2-70	8.8	
17	End Cap	1.4408	1.4308	1.0619
18	Hex Bolting	A193-B8	A193-B7	
19	Bottom Cap	1.4408	1.4308	1.0619
20	Actuator	Pneumatic KP / Electric KQ		
21	Stem Sleeve	50%SS+50%PTFE		
22	Cap(1)	1.4408	1.4308	1.0619
23	Nut	A2-70	8	
24	Bolt	A2-70	8.8	
25	Body Gasket	PTFE/GRAFOIL		
26	Plug	1.4408	1.4308	
27	Bushing	50%SS+50%PTFE		
28	Washer	50%SS+50%PTFE		



■ EN PN 10-40

Unit: mm

SIZE	PN	d	R	C	D	f	T	L	H1	W	H	M	P	N	h	U1	U2	E1	E2	ISO 5211	
DN15	1/2"	10~40	15	45	65	95	2	16	150	83.3	144.5	52.5	9	9	4	14	6	6	36	42	F03-F04
DN20	3/4"	10~40	20	58	75	105	2	18	165	87.0	144.5	57.0	9	9	4	14	6	7	36	50	F03-F05
DN25	1"	10~40	25	68	85	115	2	18	181	99.0	175.0	68.0	11	11	4	14	6	7	42	50	F04-F05
DN32	1-1/4"	10~40	32	78	100	140	2	18	190	103.0	175.0	72.0	11	11	4	18	6	9	42	70	F04-F07
DN40	1-1/2"	10~40	38	88	110	150	3	18	212	119.0	200.0	85.0	14	14	4	18	7	9	50	70	F05-F07
DN50	2"	10~40	49	102	125	165	3	20	230	126.0	200.0	92.0	14	14	4	18	7	9	50	70	F05-F07
DN65	2-1/2"	10/16	63	122	145	185	3	18	290	172.0	400.0	107.0	17	17	4	18	9	11	70	102	F07-F10
		22																			
DN80	3"	10/16	75	138	160	200	3	20	310	185.0	400.0	119.0	17	17	8	18	9	11	70	102	F07-F10
		24																			
DN100	4"	10/16	99	158	180	220	3	20	350	221.0	400.0	150.0	22	22	8	22	N/A	11	N/A	102	F10
		162		190	235	24		386													
DN150	6"	10/16	150	212	240	285	3	22	490	—	500.0	229.0	36	36	8	22	18	22	140	165	F14-F16
		218		250	300	28		520													
DN200	8"	10	200	268	295	340	3	24	620	—	500.0	252.0	36	36	8	22	18	22	140	165	F14-F16
		16																			
		25																			
		278		310	360	30		660													
		40		285	320	375		34													

KV-L5K - PN16

KV-L5N - PN40