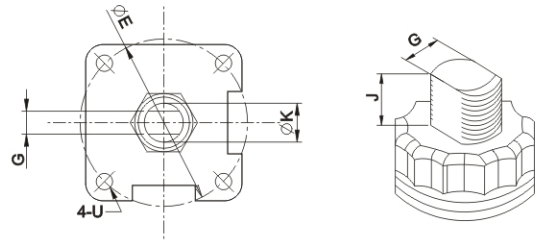
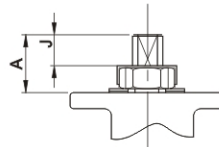
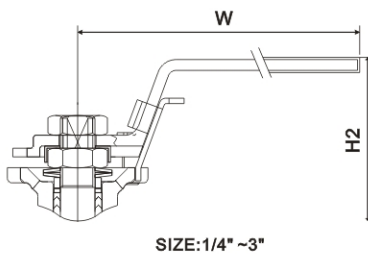
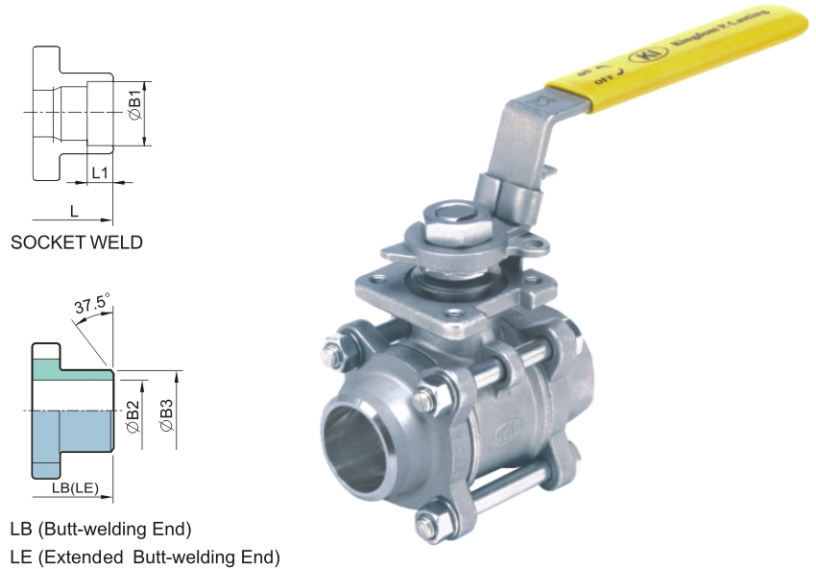


FEATURES:

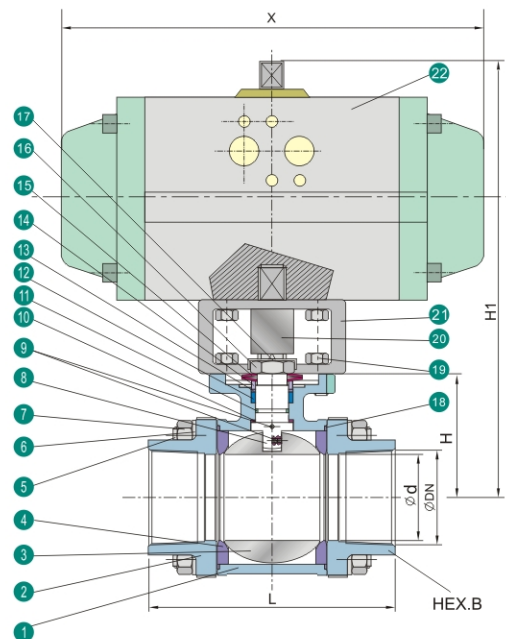
- Built-in ISO 5211 Mounting Pad for Easy Automation
- Anti-Static Devices for Ball-stem-body
- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- Pre-Load 2 Belleville Washers to Self-adjust Packing
- Casting Approved by TÜV AD 2000 Merkblatt W0
- Options: 1. Actuator 2. Limit Switch 3. Positioner

STANDARDS:

- Design: ASME B16.34, MSS SP-110
- Wall Thickness: EN 12516-3
- Pipe Thread **KV-M30**: ASME B1.20.1, BS21
DIN 2999/259, ISO 228/1
JIS B0203, ISO 7/1
- Butt Weld **KV-M31**: ASME B16.25 (ϕ B2 Sch 40)
- Socket Weld **KV-M32**: ASME B16.11
- Inspection & Testing: MSS SP-110, EN 12266



NO.	PART NAME	MATERIALS		
1	Body	CF8M	CF8	WCB
2	Cap (Thread)	CF8M	CF8	WCB
	Cap (Welding)	CF3M		
3	Ball	CF8M	CF8	
4	Ball Seat	TFM1600 / PTFE / RTFE		
5	Bolting	A193-B8		
6	Bolt Washer	SUS 304		
7	Bolt Nut	A194-8		
8	Stem	SUS 316	SUS 304	
9	Anti-Static Device	SUS 316	SUS 304	
10	Stem Seal-Ring	PTFE		
11	O-ring	FKM(VITON)		
12	Stem Packing	PTFE		
13	Bushing	50%SS + 50%PTFE		
14	Gland	SUS 316		
15	Belleville Washer	SUS 301		
16	Stem Nut	A194-8		
17	Stop-Lock-Cap	SUS 304		
18	Body Gasket	PTFE		
19	Hex Bolting	A193-B8		
20	Stem Adapter	SUS 304		
21	Bracket	SUS 304		
22	Actuator	Pneumatic KP / Electric KQ		



Unit: mm

SIZE	ϕ d	L	LB	LE	LF	H	H1	H2	W	ϕ E	G	U	A	J	ϕ D	ϕ C	ϕ R	T	f	N	ϕ h	L1	ϕ B1	ϕ B2	ϕ B3	HEX.B	X	P-Actuator	E-Actuator	Pressure
1/4"	10.6	68	70	165	N/A	29.5	164.5	76.0	135.0	42	6.3	M5	17.3	10.4	—	—	—	—	—	—	—	10	14.2	9.3	18	23.5	144	KP50	KQ006	80PSI
3/8"	12.7	68	70	165	N/A	29.5	164.5	76.0	135.0	42	6.3	M5	17.3	10.4	—	—	—	—	—	—	—	10	17.8	12.5	18	23.5	144	KP50	KQ006	80PSI
1/2"	15.0	73	73	165	130	35.5	170.5	83.0	135.0	42	6.3	M5	20.3	11.8	95	65	45	16	2	4	14	10	21.8	15.8	22	28.0	144	KP50	KQ006	80PSI
3/4"	20.0	80	90	190	150	38.5	173.5	88.0	135.0	42	6.3	M5	20.3	11.8	105	75	58	18	2	4	14	13	27.3	20.9	28	34.5	144	KP50	KQ006	80PSI
1"	25.0	90	100	216	160	45.5	193.5	98.0	170.0	50	9.0	M6	23.3	12.5	115	85	68	18	2	4	14	13	34.0	26.7	34	42.0	208	KP75	KQ006	80PSI
1-1/4"	32.0	110	110	229	180	51.0	198.0	103.0	170.0	50	9.0	M6	23.3	12.5	140	100	78	18	2	4	18	16	42.8	35.1	43	52.0	208	KP75	KQ006	80PSI
1-1/2"	38.0	120	125	241	200	60.5	228.5	110.0	200.0	70	9.6	M8	23.8	15.1	150	110	88	18	3	4	18	16	48.9	40.9	50	58.5	248	KP88	KQ008	80PSI
2"	50.0	140	150	292	230	68.5	236.5	119.0	200.0	70	9.6	M8	23.8	15.1	165	125	102	20	3	4	18	17	61.4	52.5	61	71.5	248	KP88	KQ008	80PSI
2-1/2"	63.5	185	190	330	290	86.5	298.5	147.0	250.0	102	16.0	M10	42.5	23.5	185	145	122	22	3	8	18	17	74.0	62.7	76	86.5	247	KP100	KQ015	80PSI
3"	76.0	205	220	356	310	94.5	318.5	155.0	250.0	102	16.0	M10	42.5	23.5	200	160	138	24	3	8	18	17	90.0	78.0	92	101.0	268	KP100	KQ015	80PSI

*M3 Face to Face dimensions are available