



# HIGH PURITY BALL VALVE

# 2013KC

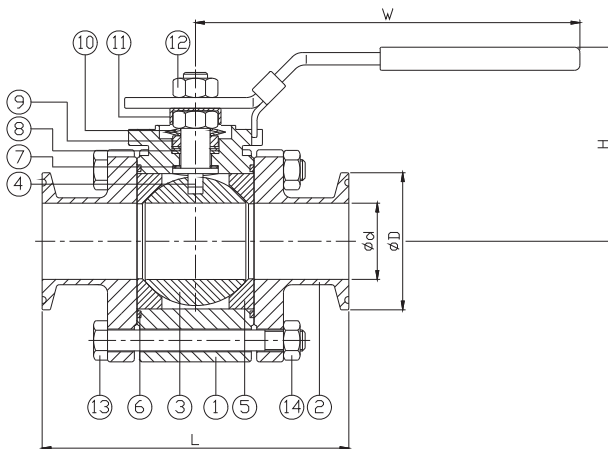
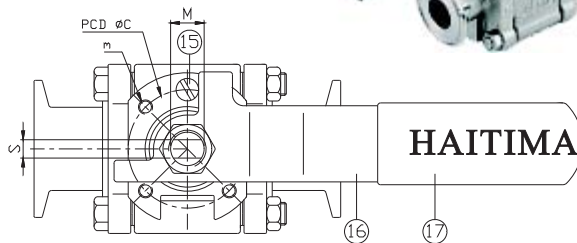


## FEATURES

- Clamp end, 1/2"~2" (DN15~DN50)
- Body W.P. : 1000 WOG (PN63)
- Clamp End W.P. : 200 WOG
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Live-loading design
- Anti-static device (option)
- Cavity filled seats (option)
- Locking device
- ISO 5211 Mounting pad

### 2013KC-BPE

- Clamp end castings have low sulphur content of 0.005-0.017%



ITEM	PARTS	MATERIAL
1	BODY	
2	CAP	ASTM A351-CF3M
3	BALL	
4	STEM	ASTM A276-316L
5	SEAT	PTFE / TFM1600
6	SEAL	
7	THRUST WASHER	PTFE
8	PACKING	
9	GLAND RING	AISI 304
10	BELLEVILLE WASHER	AISI 301
11	LOCK WASHER	
12	STEM WASHER	
13	STEM NUT	
14	BOLT	
15	BOLT WASHER	AISI 304
16	NUT	
17	STOP PIN	
18	LOCKING DEVICE	
19	HANDLE	
20	HANDLE SLEEVE	PVC

DN	L	H	W	d	D	C	m	M	S	ISO5211	Torque(N·M)	
											Breakaway	Action
15	88.9	53.5	114	9.4	25.4	36	M5	3/8"-24UNF	5.7	F03	4.52	3.39
20	101.6	55	114	15.75	25.4	36	M5	3/8"-24UNF	5.7	F03	4.52	3.95
25	121.9	66	146	22.1	50.4	42	M5	7/16"-20UNF	7.5	F04	4.52	3.95
32	130	70	146	28.5	50.4	42	M5	7/16"-20UNF	7.5	F04	7.91	5.65
40	139.7	81	178	34.8	50.4	50	M6	9/16"-18UNF	8.6	F05	28.25	19.21
50	158.8	89.5	178	47.5	63.9	50	M6	9/16"-18UNF	8.6	F05	28.25	19.21

unit:mm

NPS	L	H	W	d	D	C	m	M	S	ISO5211	Torque(IN·LB)	
											Breakaway	Action
1/2"	3.5	2.11	4.49	0.37	1	1.42	M5	3/8"-24UNF	0.23	F03	40	30
3/4"	4	2.17	4.49	0.62	1	1.42	M5	3/8"-24UNF	0.2	F03	40	35
1"	4.8	2.6	5.75	0.87	1.98	1.65	M5	7/16"-20UNF	0.3	F04	40	35
1-1/4"	5.12	2.76	5.75	1.12	1.98	1.65	M5	7/16"-20UNF	0.3	F04	70	50
1-1/2"	5.5	3.19	7.01	1.37	1.98	1.97	M6	9/16"-18UNF	0.34	F05	250	170
2"	6.25	3.53	7.01	1.87	2.52	1.97	M6	9/16"-18UNF	0.34	F05	250	170

unit:in



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