

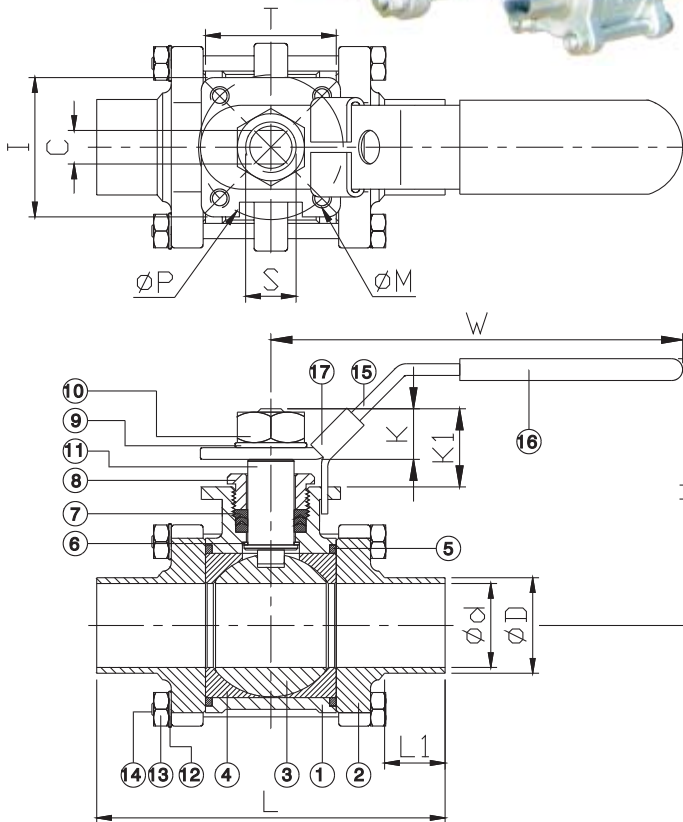


# HIGH PURITY BALL VALVE 2012CM



## FEATURES

- Tube port, 1/2"~4" (DN15~DN100)
- Body W.P. : 1000 WOG (PN63)
- Tube End W.P. : 200 WOG
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Cavity filled seats (option)
- Locking device
- ISO 5211 Mounting pad



ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M
2	CAP	
3	BALL	
4	SEAT	PTFE
5	SEAL	
6	THRUST WASHER	
7	STEM PACKING	AISI 304
8	GLAND NUT	
9	SPRING WASHER	
10	STEM NUT	AISI 316
11	STEM	
12	SPRING WASHER	
13	NUT	AISI 304
14	BOLT	
15	HANDLE	
16	HANDLE SLEEVE	PLASTIC
17	LOCKING DEVICE	PVC

DN	d	D	W	H	L	L1	T	C	I	K	K1	P	M	S	Torque (N-M)		Weight (kg)
															Breakaway	Action	
15	9.6	12.7	141.2	63.5	90.7	20	26.7	6.5	37	13	18	36	M5	M10	3.64	2.21	0.71
20	15.8	19.1	141.2	66.6	103	22.5	33	6.5	37	13	18.7	36	M5	M10	5.07	3.64	0.93
25	22.1	25.4	141.2	69.4	115	25	38	6.5	42	13	18	42	M5	M10	8.06	6.5	1.19
40	34.8	38.2	188.3	100.6	140	25	54	8.5	50	19.5	30	50	M6	M12	19.5	13	2.57
50	47.7	50.8	188.3	110.6	158	25	69	8.5	50	19.5	29	50	M6	M12	26	13	4.03
65	60.3	63.5	260	139.2	197	25	85	12	72	26	37.7	70	M8	3/4"W	52	32.5	8.44
80	72.9	76.4	260	148.2	228	25	101.6	12	72	26	38.2	70	M8	3/4"W	52	26	13.5
100	97.5	101.7	295	175	241.8	25	121.8	16	94	35	52	102	M10	1"W	65	39	19.5

unit:mm

NPS	d	D	W	H	L	L1	T	C	I	K	K1	P	M	S	Torque (in-lb)		Weight (lb)
															Breakaway	Action	
1/2"	0.38	0.5	5.56	2.5	3.57	0.79	1.05	0.26	1.46	0.51	0.71	1.42	M5	M10	32.22	19.56	1.57
3/4"	0.62	0.75	5.56	2.62	4.06	0.89	1.3	0.26	1.46	0.51	0.74	1.42	M5	M10	44.87	32.22	2.05
1"	0.87	1	5.56	2.73	4.53	0.98	1.5	0.26	1.65	0.51	0.71	1.65	M5	M10	71.34	57.53	2.62
1-1/2"	1.37	1.5	7.41	3.96	5.51	0.98	2.13	0.33	1.97	0.77	1.18	1.97	M6	M12	172.59	115.06	5.67
2"	1.88	2	7.41	4.35	6.22	0.98	2.72	0.33	1.97	0.77	1.14	1.97	M6	M12	230.12	115.06	8.88
2-1/2"	2.37	2.5	10.24	5.48	7.76	0.98	3.35	0.47	2.83	1.02	1.48	2.76	M8	3/4"W	460.24	287.65	18.61
3"	2.87	3.01	10.24	5.83	8.98	0.98	4	0.47	2.83	1.02	1.5	2.76	M8	3/4"W	460.24	230.12	29.76
4"	3.84	4	11.61	6.89	9.52	0.98	4.8	0.63	3.7	1.38	2.05	4.02	M10	1"W	575.3	345.18	42.99

unit:in



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