



3-PC. SOCKET WELD END BALL VALVE

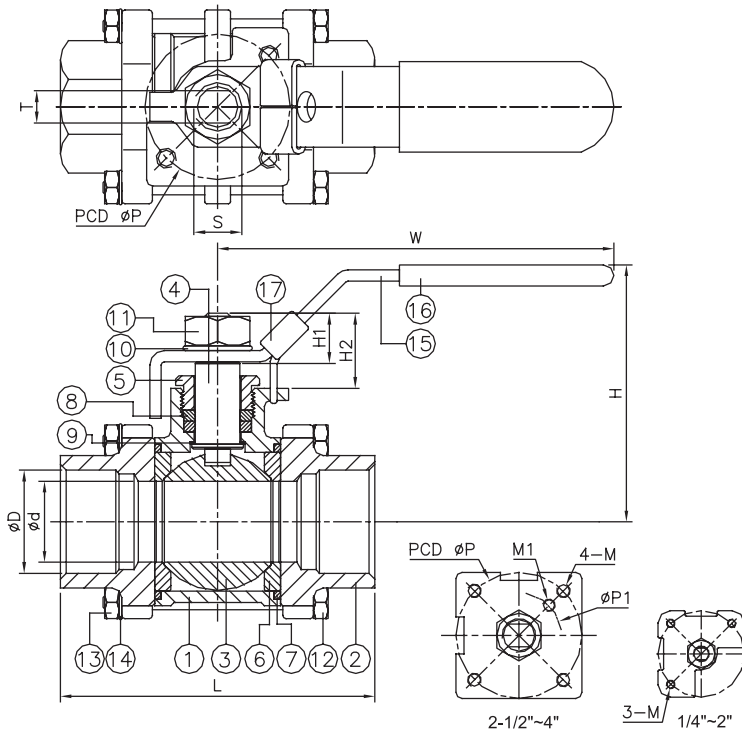
2011M



FEATURES

- Full port, 1/4"~4" (DN8~DN100)
- W.P. : 1000 WOG (PN63)
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Anti-static device (option)
- Locking device
- ISO 5211 Mounting pad
- **ISO 5211 direct Mounting pad**
- **2411D (option)**

- Socket weld ends conform to ANSI B16.11 & DIN 3239 part2



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	STEM	ASTM A276-316	
5	GLAND NUT	AISI 304	
6	SEAT	RTFE / PTFE	
7	SEAL		
8	PACKING	PTFE	
9	THRUST WASHER		
10	SPRING WASHER		
11	STEM NUT		
12	BOLT	AISI 304	
13	NUT		
14	SPRING WASHER		
15	HANDLE		
16	HANDLE SLEEVE	PVC	
17	LOCKING DEVICE	AISI 304	

DN	d	D	L	H	W	P	P1	M	M1	T	H1	H2	S	Torque (N-M)	Weight (kg)
8	11.6	14	64.5	56	119	36	-	M 5	-	5	11	15	5/16"UNC	4	0.4
10	12.7	18	64.5	56	119	36	-	M 5	-	5	11	15	5/16"UNC	4	0.4
15	15	22	66	57	119	36	-	M 5	-	5	11	15	5/16"UNC	4	0.6
20	20	27.6	83.5	63	135.5	36	-	M 5	-	6.5	14	19.5	3/8"UNC	7	0.8
25	25	34.5	95	81	158.5	42	-	M 5	-	8	15.5	23.5	7/16"UNC	7.5	1.1
32	32	43	111.2	87	158.5	50	-	M 5	-	8	15.5	20	7/16"UNC	11	1.9
40	38	49.2	130	96	188	50	-	M 6	-	9	18	26	1/2"UNC	17	2.6
50	50	61.5	151	109	198	70	-	M 8	-	9	18	26	1/2"UNC	45	3.9
65	65	74	183	133	280	102	68.5	M12	M10	12	31	40	3/4"UNC	59	8.1
80	80	90	210.4	149	320	102	68	M12	M10	12	31	38	3/4"UNC	90	13.4
100	100	115	234	171	312	102	69	M12	M10	16	40	53	1"UNC	160	24.6

unit:mm

NPS	d	D	L	H	W	P	P1	M	N	T	H1	H2	S	Torque (in-lb)	Weight (lb)
1/4"	0.46	0.55	2.54	2.2	4.69	1.42	-	M 5	-	0.2	0.43	0.59	5/16"UNC	35.4	0.9
3/8"	0.5	0.71	2.54	2.2	4.69	1.42	-	M 5	-	0.2	0.43	0.59	5/16"UNC	35.4	0.9
1/2"	0.59	0.87	2.6	2.24	4.69	1.42	-	M 5	-	0.2	0.43	0.59	5/16"UNC	35.4	1.3
3/4"	0.79	1.09	3.29	2.48	5.33	1.42	-	M 5	-	0.26	0.55	0.77	3/8"UNC	62	1.7
1"	0.98	1.36	3.74	3.19	6.24	1.65	-	M 5	-	0.31	0.61	0.93	7/16"UNC	66.4	2.4
1-1/4"	1.26	1.69	4.38	3.43	6.24	1.97	-	M 5	-	0.31	0.61	0.79	7/16"UNC	97.4	4.1
1-1/2"	1.5	1.94	5.12	3.78	7.4	1.97	-	M 6	-	0.35	0.71	1.02	1/2"UNC	150.5	5.7
2"	1.97	2.42	5.94	4.29	7.8	2.76	-	M 8	-	0.35	0.71	1.02	1/2"UNC	398.3	8.7
2-1/2"	2.56	2.91	7.2	5.24	11.02	4.02	2.7	M12	M10	0.47	1.22	1.57	3/4"UNC	522.2	17.8
3"	3.15	3.54	8.28	5.87	12.6	4.02	2.68	M12	M10	0.47	1.22	1.5	3/4"UNC	796.6	29.4
4"	3.94	4.53	9.21	6.73	12.28	4.02	2.72	M12	M10	0.63	1.57	2.09	1"UNC	1416.1	54.1

unit:in