



3-PC. SOCKET WELD END BALL VALVE

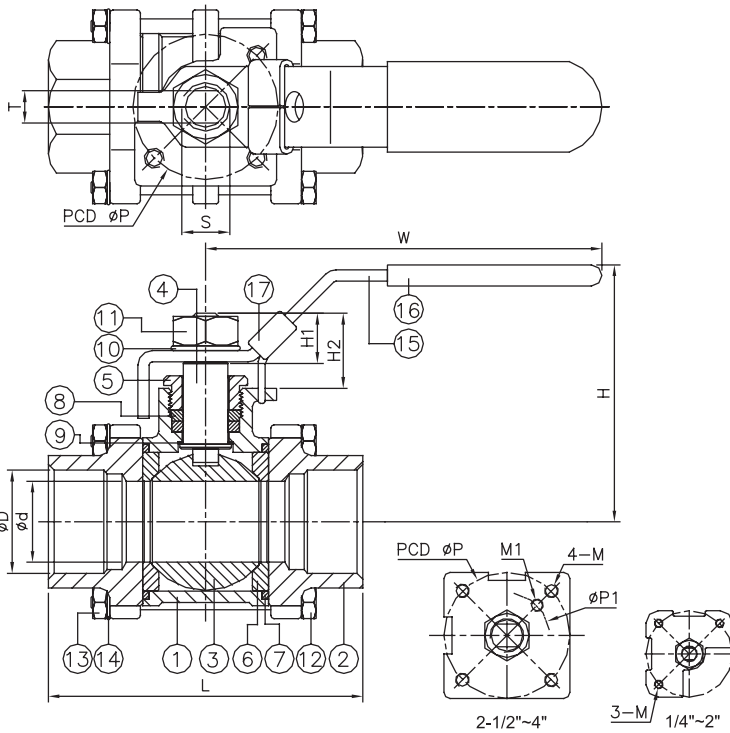
2011M



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		
13	NUT	AISI 304	
14	SPRING WASHER		
15	HANDLE	STAINLESS STEEL	
16	HANDLE SLEEVE	PVC	
17	LOCKING DEVICE	STAINLESS STEEL	

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

