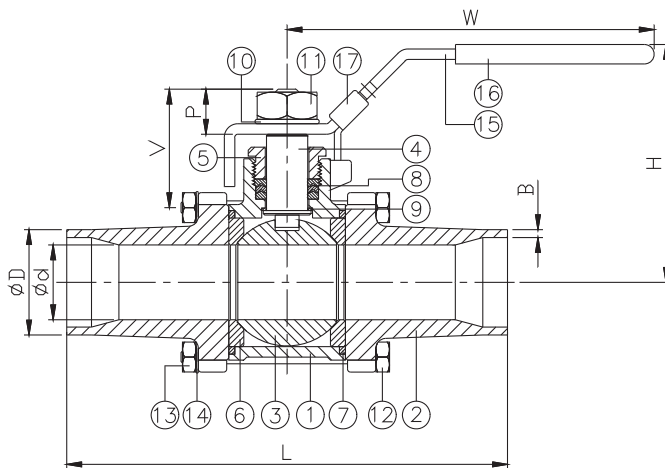
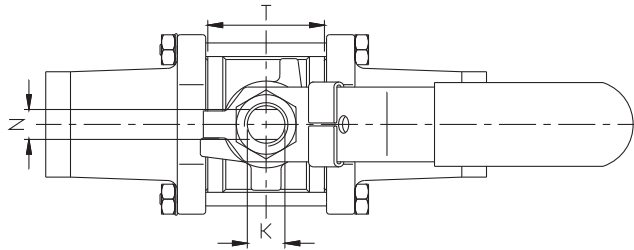




# 3-PC. BUTT WELD END BALL VALVE

# 2012L



## FEATURES

- Full port, 3/8"~4" (DN10~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 - 2012LM (option)**
- **ISO 5211 Direct mounting pad - 2012LD (option)**
- Butt weld ends conform to ANSI B16.25 & DIN 3239 part1

ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A351-CF3
2	CAP		
3	BALL	ASTM A351-CF8M	
4	STEM	ASTM A276-316	
5	GLAND NUT	AISI 304	
6	SEAT	PTFE / RTFE	
7	SEAL	PTFE	
8	PACKING		
9	THRUST WASHER	AISI 304	
10	SPRING WASHER		
11	STEM NUT		
12	BOLT		
13	BOLT NUT	AISI 304	
14	SPRING WASHER		
15	HANDLE		
16	HANDLE SLEEVE	PVC	
17	LOCKING DEVICE	AISI 304	

DN	d	D	L	B	H	W	T	N	V	P	K	Torque (N-M)	
												breakaway	action
10	12.7	17.2	225	1.6	54	102	21.5	5	29.7	10.5	5/16"UNC	-	-
15	15	21.3	225	2	57	102	24	5	30.1	10.5	5/16"UNC	2.5	1.5
20	20	26.9	225	2	66	120.5	28	6.5	36.5	13.5	3/8"UNC	4.3	3.1
25	25	33.7	245	2.6	76	158.5	35	8	40.6	15.5	7/16"UNC	4.6	3.2
32	32	42.4	255	2.6	81	158.5	45	8	41.8	15.5	7/16"UNC	7.4	5.7
40	38	48.3	260	2.6	98	188	55	9	48.5	17.5	1/2"W	11.4	8.6
50	50.8	60.3	275	3.5	106	188	66	9	49.4	17.5	1/2"W	12.2	9.5
65	65	76.1	334	3.5	138	245	86	12	72.1	33	3/4"UNC	32.3	22.7
80	80	88.9	354	4	154	245	100	12	65.6	33	3/4"UNC	46.7	36
100	100	114.3	365	4.5	178	320	125	16	78.2	39	1"UNC	92	60

unit : mm

NPS	d	D	L	B	H	W	T	N	V	P	K	Torque (in-lb)	
												breakaway	action
3/8"	0.5	0.68	8.86	0.06	2.13	4.02	0.85	0.2	1.17	0.41	5/16"UNC	-	-
1/2"	0.59	0.84	8.86	0.08	2.24	4.02	0.94	0.2	1.19	0.41	5/16"UNC	22.1	13.3
3/4"	0.79	1.06	8.86	0.08	2.6	4.74	1.1	0.26	1.44	0.53	3/8"UNC	38.1	27.4
1"	0.98	1.33	9.65	0.1	2.99	6.24	1.38	0.31	1.6	0.61	7/16"UNC	40.7	28.3
1-1/4"	1.26	1.67	10.04	0.1	3.19	6.24	1.77	0.31	1.65	0.61	7/16"UNC	65.5	50.4
1-1/2"	1.5	1.9	10.24	0.1	3.86	7.4	2.17	0.35	1.91	0.69	1/2"W	100.9	76.1
2"	2	2.37	10.83	0.14	4.17	7.4	2.6	0.35	1.94	0.69	1/2"W	108	84.1
2-1/2"	2.56	3	13.15	0.14	5.43	9.65	3.39	0.47	2.84	1.3	3/4"UNC	285.9	200.9
3"	3.15	3.5	13.94	0.16	6.06	9.65	3.94	0.47	2.58	1.3	3/4"UNC	413.3	318.6
4"	3.94	4.5	14.37	0.18	7.01	12.6	4.92	0.63	3.08	1.54	1"UNC	814.3	531

unit : in



8F., No.201, Sec. 2, Tiding Blvd., Neihs District, Taipei City 114, Taiwan R.O.C.  
 TEL: +886-2-26585800 FAX: +886-2-26582266 / 27997766

[Http://www.haitima.com.tw](http://www.haitima.com.tw)  
 Email: [haitima@seed.net.tw](mailto:haitima@seed.net.tw)