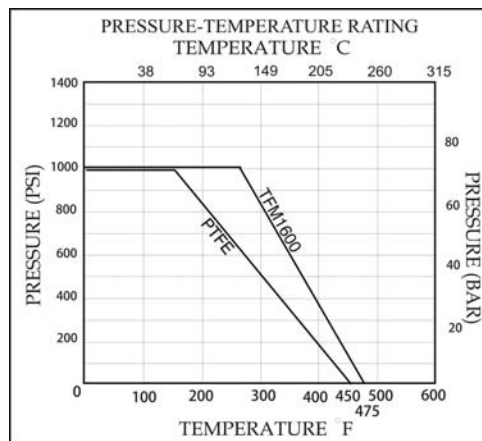
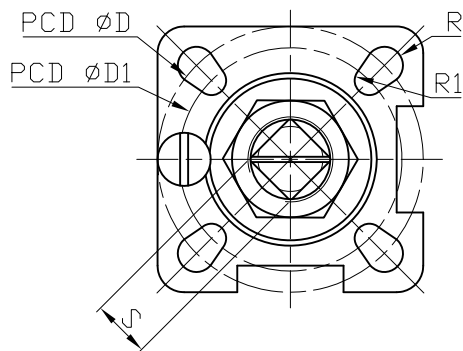


Ra	JIS
0.2	▽▽▽
1.6	▽▽
6.3	▽
25	▽

GENERAL TOLERANCE
±0.1
±0.2
±0.3
±0.5
±0.8

HAITIMA CORPORATION
P.O.BOX 34-36 TAIPEI
Tel:+886-2-26585800
E-mail:haitima@seed.net.tw
www.haitima.com.tw
Fax:+886-2-26582266

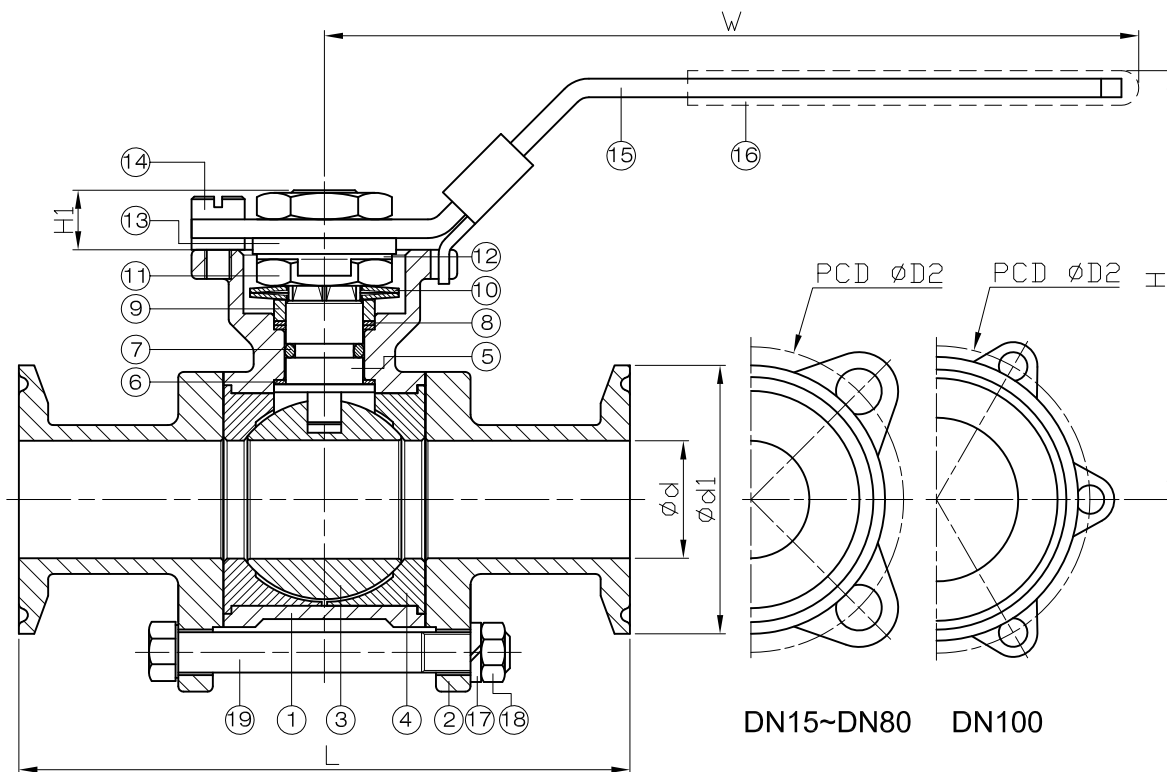


DN	D	D1	D2	d	d1	R	R1	S	L	H	H1	W	Torque (N-M)		Weight(kg)
													Breakaway	Action	
15	42	36	45.5	9.6	25.4	2.75	2.75	9	90.7	121.3	9	64.7	5	2.5	0.6
20	42	36	47	15.8	25.4	2.75	2.75	9	103	121.3	11	64.7	7.5	3.5	0.7
25	50	42	57.5	22.1	50.5	3.5	2.75	11	115	150	11	79	11	6	1.2
40	70	50	83	34.8	50.5	4.5	3.5	14	139	150	14	96.5	16	11	2.5
50	70	50	100	47.7	64	4.5	3.5	14	158	180	14	104	20	13	3.6
65	102	70	126	60.3	77.5	5.5	4.5	17	197	180	17	142	40	25	7
80	102	70	148	72.9	91	5.5	4.5	17	228	243.5	17	150	50	30	9.9
100	125	102	183	97.5	119	6.5	5.5	22	241.8	285	22	185	60	40	17.1

unit:mm

NPS	D	D1	D2	d	d1	R	R1	S	L	H	H1	W	Torque (in-lb)		Weight(lb)
													Breakaway	Action	
1/2"	1.65	1.42	1.79	0.38	1	0.11	0.11	0.35	3.57	4.78	0.35	2.55	44.25	22.13	1.4
3/4"	1.65	1.42	1.85	0.62	1	0.11	0.11	0.35	4.06	4.78	0.43	2.55	66.38	30.98	1.5
1"	1.97	1.65	2.26	0.87	1.99	0.14	0.11	0.43	4.53	5.91	0.43	3.11	97.36	53.1	2.6
1 1/2"	2.76	1.97	3.27	1.37	1.99	0.18	0.14	0.55	5.47	5.91	0.55	3.8	141.61	97.36	5.5
2"	2.76	1.97	3.94	1.88	2.52	0.18	0.14	0.55	6.22	7.09	0.55	4.09	177.01	115.06	7.9
2 1/2"	4.02	2.76	4.96	2.37	3.05	0.22	0.18	0.67	7.76	7.09	0.67	5.59	354.03	221.27	15.4
3"	4.02	2.76	5.83	2.87	3.58	0.22	0.18	0.67	8.98	9.59	0.67	5.91	442.54	265.52	21.8
4"	4.92	4.02	7.2	3.84	4.69	0.26	0.22	0.87	9.52	11.22	0.87	7.28	531.04	354.03	37.7

unit:in



DN15~DN80 DN100

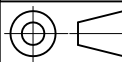
ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF3M/ASTM A351-CF8M
2	CAP	
3	BALL	ASTM A276-316
4	SEAT	PTFE/TFM1600
5	STEM	ASTM A276-316
6	THRUST WASHER	PTFE
7	O-RING	VITON
8	PACKING	PTFE
9	GLAND RING	AISI 304
10	BELLEVILLE WASHER	AISI 301
11	NUT	AISI 304
12	LOCK WASHER	
13	FLAT WASHER	
14	STOP PIN	
15	HANDLE	PVC
16	HANDLE SLEEVE	
17	SPRING WASHER	AISI 304
18	NUT	
19	BOLT	

△			
△			
△			
Revise	Description	Date	Approve



HAITIMA CORPORATION
Ball Valves

CHECK BY	DRAWING BY	DATE	SPECIFICATION	3-PC Clamp End Ball Valve 1000 WOG
	Ray	Jan.24.2013	MATERIAL	CF8M/CF3M
			PROCESS/Nr.	
			UNIT / SCALE	mm



DRAWING NO.

2013CD001HD - 13