

ITEM	PARTS	MATERIAL
1	BODY	ASTM A351-CF8M 1.4408
2	CAP	
3	BALL	ASTM A351-CF8M
4	STEM	ASTM A276-316
5	SEAT	RTFE
6	SEAL	PTFE
7	THRUST WASHER	
8	PACKING	
9	O-RING	VITON
10	GLAND RING	AISI 304
11	BELLEVILLE WASHER	AISI 301
12	LOCKING WASHER	AISI 304
13	STOPPER	
14	STEM NUT	
15	HANDLE	STAINLESS STEEL
16	NUT	AISI 304
17	SPRING WASHER	
18	BOLT	
19	HANDLE SLEEVE	PVC

FEATURES :
- TORQUE INCLUDE SAFETY FACTOR 30%



HAITIMA CORPORATION

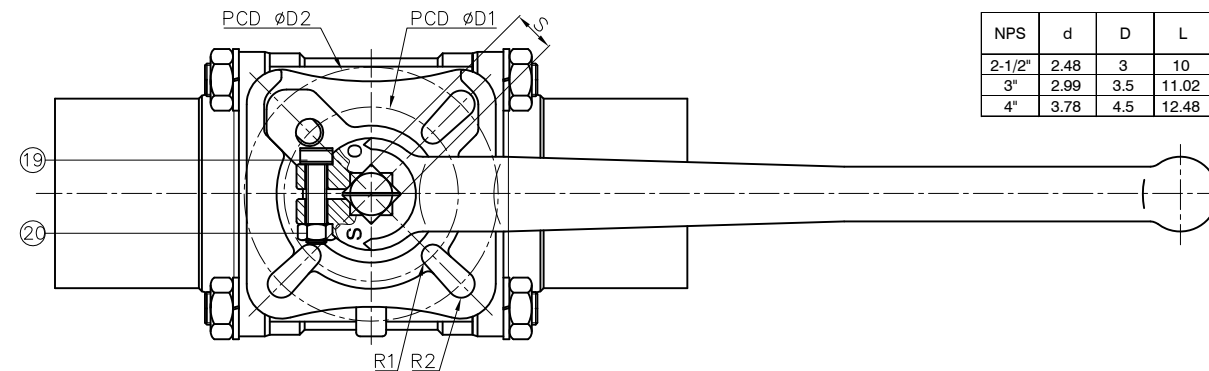
CHECK BY	DRAWING BY	DATE	SPECIFICATION	3-PC Long Butt Weld End Ball Valve 1000 WOG	
	<i>Yuan</i>	Jun.23.2016	MATERIAL	CF8M	
			PROCESS/Nr.		
			UNIT / SCALE	mm	

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G	△			
	Revise	Description	Date	Approve
	DRAWING NO. 2012NDL005HD-16			

Ra	0.2	1.6	6.3	25	Q
JIS	▽	▽	▽	▽	▽

GENERAL TOLERANCE	± 0.1 0.5~5 6~30 31~120 121~320 321~1000
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HAITIMA CORPORATION
P.O.BOX 34-36 TAIPEI
Tel+886-2-26585800
E-mail:haitima@seednet.tw
www.haitima.com.tw
Fax+886-2-26582266

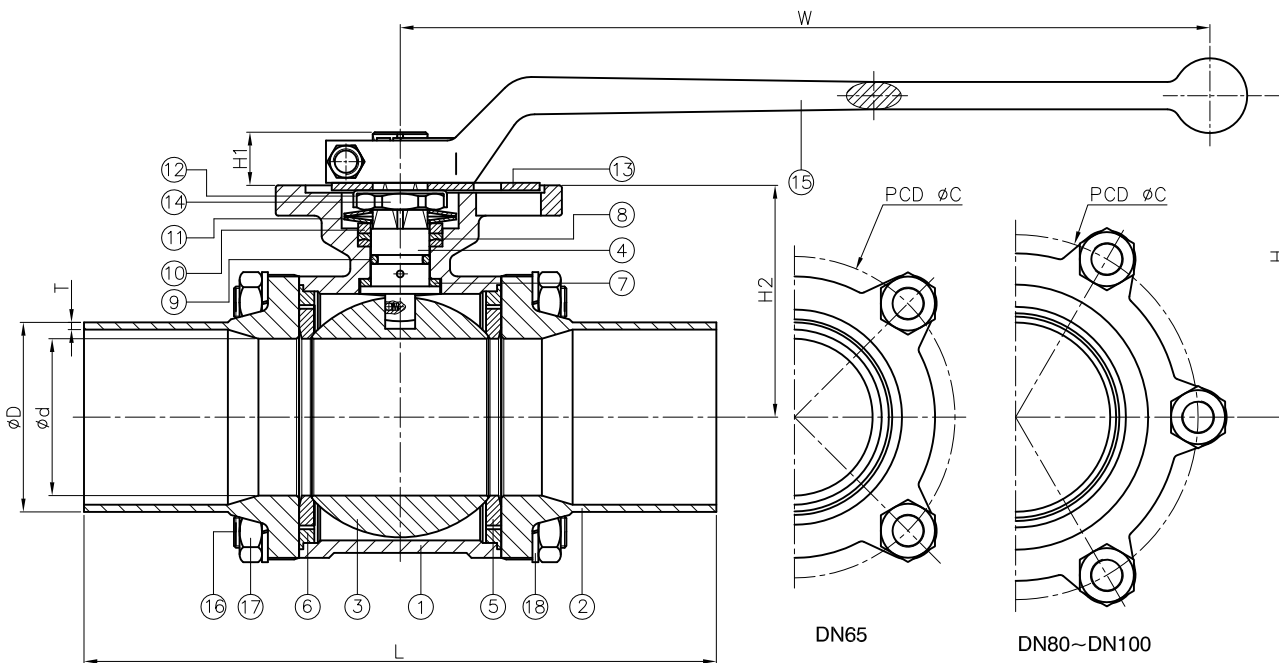


DN	d	D	L	H	H1	H2	W	T	S	C	D1	D2	R1	R2	Torque (N-M)	
															Breakaway	Action
65	63	76.1	254	127.3	16.3	92	325	2.9	17	129	70	102	4.5	5.5	55	33
80	76	88.9	280	136.3	16.3	100	325	2.9	17	146.3	70	102	4.5	5.5	70	42
100	96	114.3	317	142.5	20.5	130	325	2.9	22	186.4	102	125	5.5	6.5	90	54

unit:mm

NPS	d	D	L	H	H1	H2	W	T	S	C	D1	D2	R1	R2	Torque (in-lb)	
															Breakaway	Action
2-1/2"	2.48	3	10	5.01	0.64	3.62	12.8	0.11	0.67	5.08	2.76	4.02	0.18	0.22	486.8	292.1
3"	2.99	3.5	11.02	5.37	0.64	3.94	12.8	0.11	0.67	5.76	2.76	4.02	0.18	0.22	619.5	371.7
4"	3.78	4.5	12.48	5.61	0.81	5.12	12.8	0.11	0.87	7.34	4.02	4.92	0.22	0.26	796.6	477.9

unit:in



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13	STOPPER	
14	STEM NUT	
15	HANDLE	
16	STUD	
17	NUT	
18	SPRING WASHER	
19	BOLT	
20	NUT	

FEATURES :
- TORQUE INCLUDE SAFETY FACTOR 30%

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△			
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Revise	Description	Date	Approve
DRAWING NO. 2012NDL006HD-16			



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	Yuan	Jun.23.2016	MATERIAL	CF8M
			PROCESS/No.	
			UNIT / SCALE	mm

