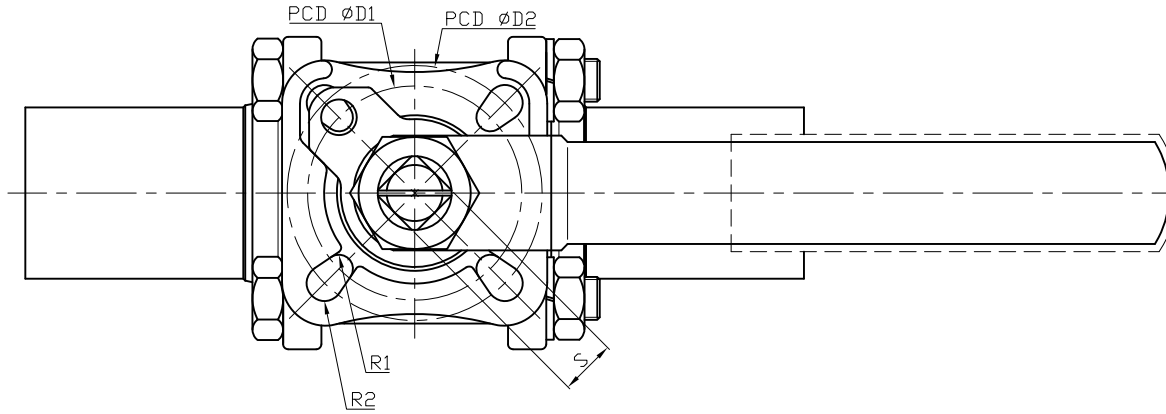


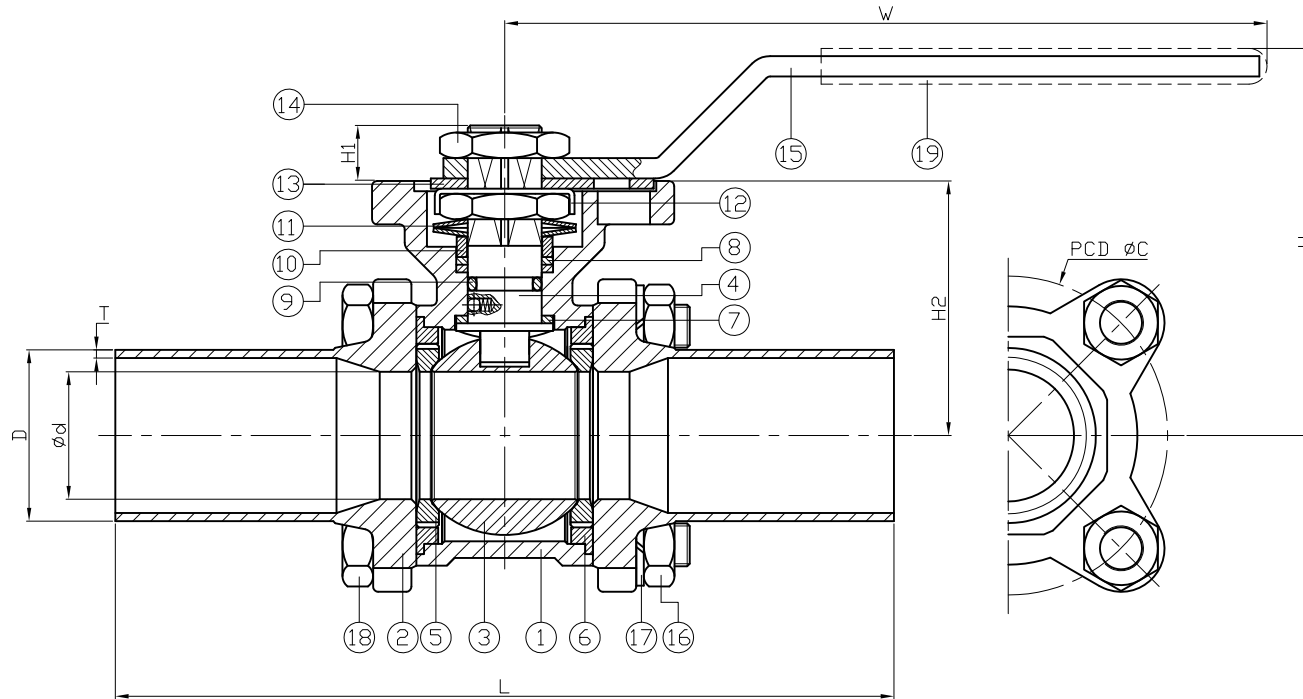


DN	d	D	L	H	H1	H2	W	T	S	C	D1	D2	R1	R2	Torque (N-M)	
															Breakaway	Action
10	12.5	17.2	120	61	7.5	35.3	114.5	1.6	9	38	36	42	2.75	2.75	7	4
15	15	21.3	140	62.7	7.1	36.4	114.5	1.6	9	44	36	42	2.75	2.75	7	4
20	20	26.9	140	65.1	7.3	39.5	114.5	1.6	9	52	36	42	2.75	2.75	9	5
25	25	33.7	152.5	78.5	11	49	140	2	11	60.5	42	50	2.75	3.5	15	9
32	32	42.4	165	82	11.5	54.2	140	2	11	74	42	50	2.75	3.5	18	11
40	38	48.3	191	102	12.4	64.6	172	2	14	86	50	70	3.5	4.5	25	15
50	50	60.3	203	110.1	13.6	72.5	172	2.9	14	102.5	50	70	3.5	4.5	35	21

unit:mm

NPS	d	D	L	H	H1	H2	W	T	S	C	D1	D2	R1	R2	Torque (in-lb)	
															Breakaway	Action
3/8"	0.49	0.68	4.72	2.4	0.3	1.39	4.51	0.06	0.35	1.5	1.42	1.65	0.11	0.11	62	35.4
1/2"	0.59	0.84	5.51	2.47	0.28	1.43	4.51	0.06	0.35	1.73	1.42	1.65	0.11	0.11	62	35.4
3/4"	0.79	1.06	5.51	2.56	0.29	1.56	4.51	0.06	0.35	2.05	1.42	1.65	0.11	0.11	79.7	44.3
1"	0.98	1.33	6	3.01	0.43	1.93	5.51	0.08	0.43	2.38	1.65	1.97	0.11	0.14	132.8	79.7
1-1/4"	1.26	1.67	6.5	3.23	0.45	2.13	5.51	0.08	0.43	2.91	1.65	1.97	0.11	0.14	159.3	97.4
1-1/2"	1.5	1.9	7.52	4.02	0.49	2.54	6.77	0.08	0.55	3.39	1.97	2.76	0.14	0.18	221.3	132.8
2"	1.97	2.37	7.99	4.33	0.54	2.85	6.77	0.11	0.55	4.04	1.97	2.76	0.14	0.18	309.8	185.9

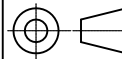
unit:in



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP	1.4408	1.0619
3	BALL	ASTM A351-CF8M	
4	STEM	ASTM A276-316	
5	SEAT	PTFE / RTFE / CTFE / TFM 1600	
6	SEAL		
7	THRUST WASHER	PTFE	
8	PACKING		
9	O-RING	VITON	
10	GLAND RING	AISI 304	
11	BELLEVILLE WASHER	AISI 301	
12	LOCKING WASHER		
13	STOPPER	AISI 304	
14	STEM NUT		
15	HANDLE	STAINLESS STEEL	
16	NUT		
17	SPRING WASHER	AISI 304	
18	BOLT		
19	HANDLE SLEEVE	PVC	



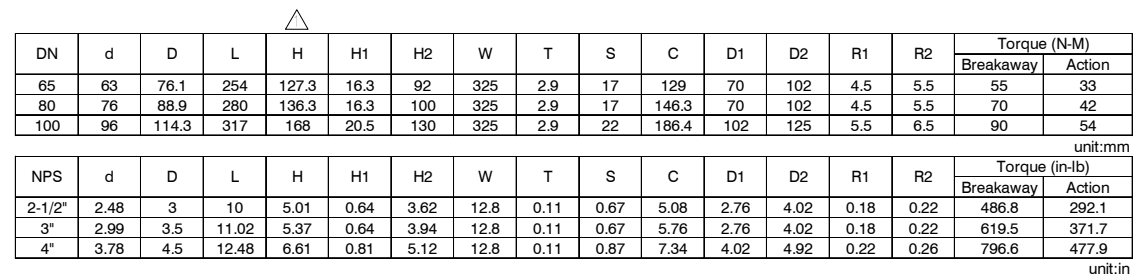
CHECK BY	DRAWING BY	DATE	SPECIFICATION	3-PC Long Butt Weld End Ball Valve 1000 WOG
	Yuan	Jan.05.2024	MATERIAL	CF8M/WCB
			PROCESS/Nr.	
			UNIT / SCALE	mm



△			
△			
△	Add 3/8" dimension	01/05/2024	Louis
Revise	Description	Date	Approve

DRAWING NO.

2012NDL003HD-24



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP	1.4408	1.0619
3	BALL	ASTM A351-CF8M	
4	STEM	ASTM A276-316	
5	SEAT	PTFE / RTFE / CTFE / TFM 1600	
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		
16	STUD		
17	NUT		
18	SPRING WASHER		
19	BOLT		
20	NUT		

	△			
	△	Add material	02/16/2023	Ray
G	△	Revise dimension	02/07/2023	Ray
	Revise	Description	Date	Approve



HAITIMA CORPORATION

CHECK BY	DRAWING BY	DATE	SPECIFICATION	3-PC Long Butt Weld End Ball Valve 1000 WO		
	<i>Yuan</i>	Feb.16.2023	MATERIAL	CF8M/WCB		
		PROCESS/Nr.				
		UNIT / SCALE	mm			

DRAWING NO.

2012NDL004HD-23A