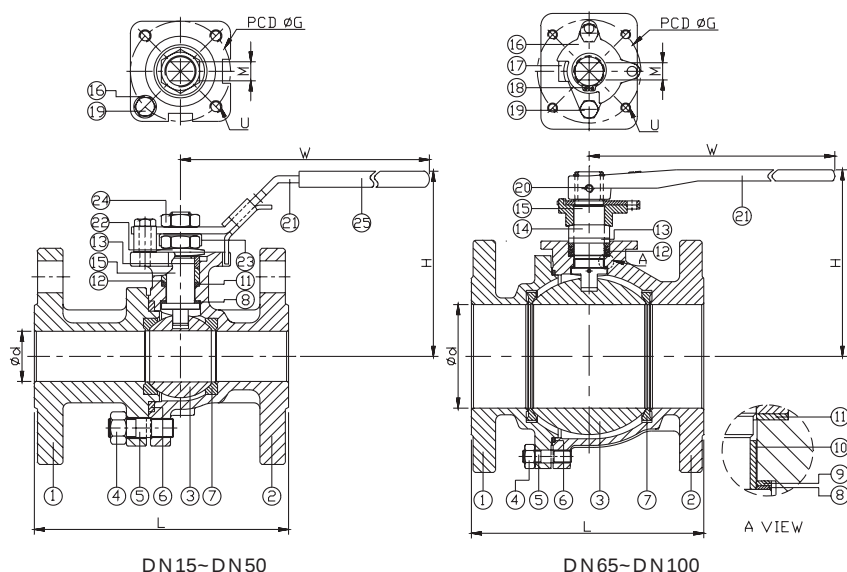




FEATURES

- Full port, 1/2"~12" (DN15~DN300)
- W.P. : CLASS 150/300
- 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
- **API 607 Fire safe approved**

- Flange dimension: ASME B16.5
- Face to face: ASME B16.10



ITEM	PARTS	MATERIAL	
1	CAP	ASTM A351-CF8M	ASTM A216-WCB
2	BODY		
3	BALL	ASTM A351-CF8M	
4	NUT	AISI 304	
5	BOLT		
6	SEAL	GRAPHITE	
7	SEAT	PTFE	
8	THRUST WASHER 1	CTFE	
9	THRUST WASHER 2		
10	THRUST WASHER 3	PTFE	
11	PAKING 1	GRAPHITE	
12	PAKING 2		
13	GLAND RING 1	AISI 304	
14	GLAND RING 2		
15	STEM	ASTM A276-316	
16	STOPPER	AISI 304	
17	GLAND	ASTM A351-CF8M	
18	CIRCLIPS FOR SHAFTS	AISI 304	
19	BOLT		
20	SOCKET SET SCREWS		
21	HANDLE	STAINLESS STEEL	
22	BELLEVILLE WASHER	AISI 301	
23	LOCKING WASHER	AISI 304	
24	STEM NUT		
25	HANDLE SLEEVE	PVC	

DN	d	CLASS 150			CLASS 300			M	G	U	Torque (N-M)
		L	H	W	L	H	W				
15	15	108	74.5	165	140	74.5	165	6.3	42	M5*0.8	3.4
20	20	117	77.5	165	152	77.5	165	6.3	42	M5*0.8	5.4
25	25	127	90.6	199	165	90.6	199	8	50	M6*1	6.9
32	32	140.2	93.5	199	178	93.5	199	8	50	M6*1	14.7
40	38	165	108	248	190	108	248	9.5	70	M8*1.25	32
50	50	178	124	262	216	124	262	9.5	70	M8*1.25	32
65	65	190	155	328	241	168	400	17	102	M10*1.5	40
80	76.5	203	160	328	282	173	400	17	102	M10*1.5	48
100	102	229	181.6	328	305	195	400	17	102	M10*1.5	58

unit:mm

NPS	d	CLASS 150			CLASS 300			M	G	U	Torque (in-lb)
		L	H	W	L	H	W				
1/2"	0.59	4.25	2.93	6.5	5.51	2.93	6.5	0.25	1.65	M5*0.8	30.1
3/4"	0.79	4.61	3.05	6.5	5.98	3.05	6.5	0.25	1.65	M5*0.8	47.8
1"	0.98	5	3.57	7.83	6.5	3.57	7.83	0.31	1.97	M6*1	61.1
1-1/4"	1.26	5.52	3.68	7.83	7.01	3.68	7.83	0.31	1.97	M6*1	130.1
1-1/2"	1.5	6.5	4.25	9.76	7.48	4.25	9.76	0.37	2.76	M8*1.25	283.2
2"	1.97	7.01	4.88	10.31	8.5	4.88	10.31	0.37	2.76	M8*1.25	283.2
2-1/2"	2.56	7.48	6.1	12.91	9.49	6.61	15.75	0.67	4.02	M10*1.5	354
3"	3.01	7.99	6.3	12.91	11.1	6.61	15.75	0.67	4.02	M10*1.5	424.8
4"	4.02	9.02	7.15	12.91	12.01	7.68	15.75	0.67	4.02	M10*1.5	513.3

unit:in