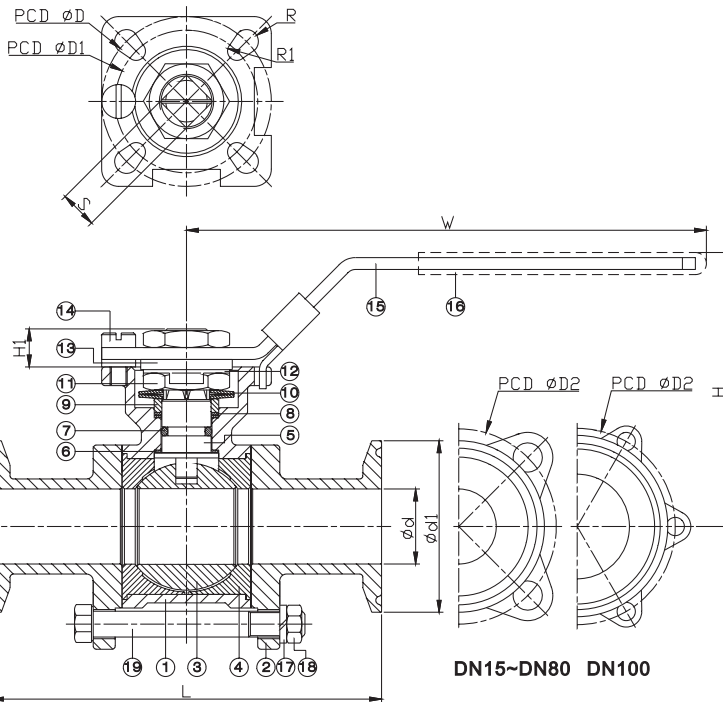




FEATURES

- Clamp end, 1/2"~4" (DN15~DN100)
- Body W.P. : 1000 WOG (PN63)
- Clamp End W.P. : 200 WOG
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Live-loading design
- Cavity filled seats (option)
- Locking device
- ISO 5211 Direct mounting pad
- **Automation accessories (option)**



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A351-CF3M
2	CAP		
3	BALL	ASTM A351-CF8M	
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		
12	LOCKING WASHER		
13	FLAT WASHER	AISI 304	
14	STOP PIN		
15	HANDLE		
16	HANDLE SLEEVE	PVC	
17	SPRING WASHER		
18	NUT	AISI 304	
19	BOLT		

DN	D	D1	D2	d	d1	R	R1	S	L	H	H1	W	Torque (N-m)
8	42	36	45.5	9.6	25.4	2.75	2.75	9	90.7	121.3	9	64.7	5
10	42	36	47	15.8	25.4	2.75	2.75	9	103	121.3	11	64.7	7.5
15	50	42	57.5	22.1	50.5	3.5	2.75	11	115	150	11	79	11
20	70	50	83	34.8	50.5	4.5	3.5	14	139	150	14	96.5	16
25	70	50	100	47.7	64	4.5	3.5	14	158	180	14	104	20
32	102	70	126	60.3	77.5	5.5	4.5	17	197	180	17	142	40
40	102	70	148	72.9	91	5.5	4.5	17	228	243.5	17	150	50
50	125	102	183	97.5	119	6.5	5.5	22	241.8	285	22	185	60

unit:mm

NPS	D	D1	D2	d	d1	R	R1	S	L	H	H1	W	Torque (in-lb)
1/4"	1.65	1.42	1.79	0.38	1	0.11	0.11	0.35	3.57	4.78	0.35	2.55	44.3
3/8"	1.65	1.42	1.85	0.62	1	0.11	0.11	0.35	4.06	4.78	0.43	2.55	66.4
1/2"	1.97	1.65	2.26	0.87	1.99	0.14	0.11	0.43	4.53	5.91	0.43	3.11	97.4
3/4"	2.76	1.97	3.27	1.37	1.99	0.18	0.14	0.55	5.47	5.91	0.55	3.8	141.6
1"	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
1-1/4"	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
1-1/2"	4.02	2.76	5.83	2.87	3.58	0.22	0.18	0.67	8.98	9.59	0.67	5.91	442.5
2"	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

unit:in