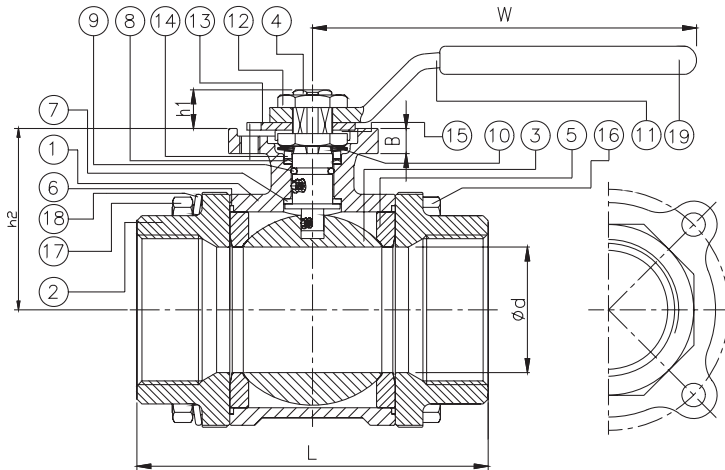
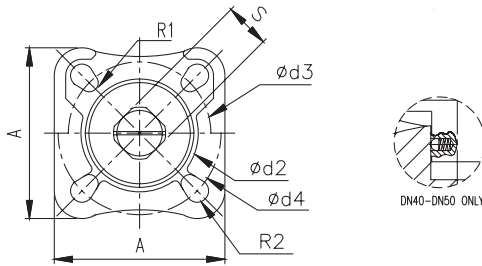




## FEATURES

- Full port, 1/4"~2" (DN8~DN50)
- W.P. : 1000 WOG (PN63)
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Live-loading design
- Anti-static device
- Locking device
- ISO 5211 Direct mounting pad
- Length conform to DIN 3202/4-M3
- **ISO 15848 fugitive emission approved (option)**
- **Automation accessories (option)**
- Thread type : ASME B1.20.1 (NPT)  
DIN2999 & BS21  
ISO7/1 & EN10226



ITEM	PARTS	MATERIAL	
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	STEM	ASTM A276-316	
5	SEAT	RTFE	
6	SEAL		
7	THRUST WASHER	PTFE	
8	PACKING		
9	O-RING	VITON	
10	BELLEVILLE WASHER	AISI 301	
11	HANDLE	ASTM A351-CF8	
12	STEM NUT		
13	LOCKING PAD		
14	GLAND NUT		
15	LOCKING WASHER	AISI 304	
16	BOLT		
17	NUT		
18	SPRING WASHER		
19	HANDLE SLEEVE	PVC	

DN	d	L	W	ISO 5211	A	B	S	h1	h2	d2	d3	d4	R1	R2	Torque (N-M)
8	8	55	120	F03/F04	42	6.5	9	8	40.3	31	36	42	2.75	2.75	3.6
10	10	60	120	F03/F04	42	6.5	9	8	40.3	31	36	42	2.75	2.75	3.6
15	15	75	120	F03/F04	42	6.5	9	8	40.3	31	36	42	2.75	2.75	3.6
20	20	80	120	F03/F04	42	6.5	9	9	45	31	36	42	2.75	2.75	6.1
25	25	90	148	F04/F05	50	7.5	11	10	47.5	35.5	42	50	2.75	3.5	9.9
32	32	110	148	F04/F05	50	7.5	11	11	55.5	35.5	42	50	2.75	3.5	15.6
40	38	120	178	F05/F07	70	9	14	12	65.3	56	50	70	3.5	4.5	22
50	50	140	178	F05/F07	70	9	14	12	73	56	50	70	3.5	4.5	26.8

unit:mm

NPS	d	L	W	ISO 5211	A	B	S	h1	h2	d2	d3	d4	R1	R2	Torque (in-lb)
1/4"	0.31	2.17	4.72	F03/F04	1.65	0.26	0.35	0.31	1.59	1.22	1.42	1.65	0.11	0.11	31.9
3/8"	0.39	2.36	4.72	F03/F04	1.65	0.26	0.35	0.31	1.59	1.22	1.42	1.65	0.11	0.11	31.9
1/2"	0.59	2.95	4.72	F03/F04	1.65	0.26	0.35	0.31	1.59	1.22	1.42	1.65	0.11	0.11	31.9
3/4"	0.79	3.15	4.72	F03/F04	1.65	0.26	0.35	0.35	1.77	1.22	1.42	1.65	0.11	0.11	54
1"	0.98	3.54	5.83	F04/F05	1.97	0.3	0.43	0.39	1.87	1.4	1.65	1.97	0.11	0.14	87.6
1-1/4"	1.26	4.33	5.83	F04/F05	1.97	0.3	0.43	0.43	2.19	1.4	1.65	1.97	0.11	0.14	138.1
1-1/2"	1.5	4.72	7.01	F05/F07	2.76	0.35	0.55	0.47	2.57	2.2	1.97	2.76	0.14	0.18	194.7
2"	1.97	5.51	7.01	F05/F07	2.76	0.35	0.55	0.47	2.87	2.2	1.97	2.76	0.14	0.18	237.2

unit:in

