



SERIES: B410TM - B410TC (1/4" - 3")

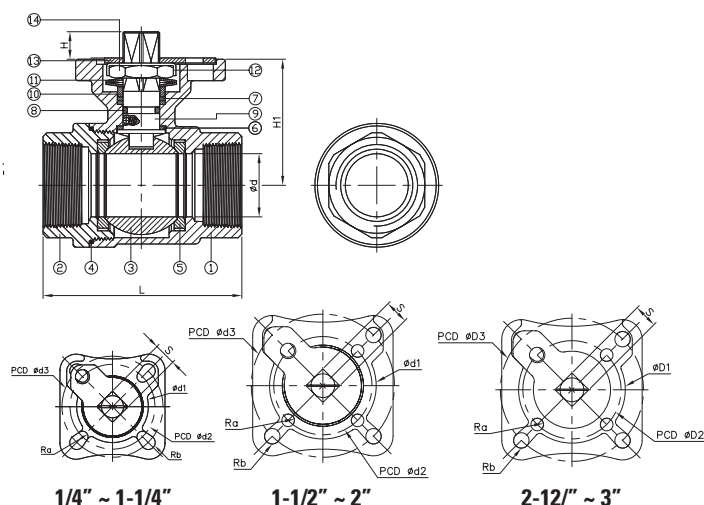
2-PC. SCREWED END BALL VALVE

Stainless / Carbon Steel

DIRECT MOUNT

DESIGN FEATURES:

- Full port, 1/4" ~ 3" (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
- Supplied with level handle
- Silicone Free
- Locking device
- **Direct Mounting pad ISO 5211**
- Thread type :
 - » ASME B1.20.1 (NPT)
 - » DIN2999 & BS21
 - » ISO7/1 & EN10226



ITEM	PARTS	MATERIAL	
		B410TMMTXXX	B410TCMTXXX
1	BODY	ASTM A351-CF8M	ASTM A216-WCB
2	CAP		
3	BALL	ASTM A351-CF8M	
4	SEAL	PTFE	
5	SEAT	TFM 1600	
6	THRUST WASHER	PTFE	
7	PACKING		
8	O-RING	VITON	
9	STEM	ASTM A276-316	
10	GLAND RING	AISI 304	
11	BELLEVILLE WASHER	AISI 301	
12	LOCK WASHER	AISI 304	
13	STOPPER		
14	STEM NUT		

DN	d	L	H	H1	S	d1	d2	d3	Ra	Rb	ISO 5211	Torque (N-m)	Weight (kg)
8	11.6	58.0	8.0	36.4	9	31.0	36	42	2.8	2.8	F03 / F04	5.5	0.5
10	12.7	58.0	8.0	36.4	9	31.0	36	42	2.8	2.8	F03 / F04	5.5	0.5
15	15	58.0	8.0	36.4	9	31.0	36	42	2.8	2.8	F03 / F04	5.5	0.5
20	20	65.6	9.0	39.2	9	31.0	36	42	2.8	2.8	F03 / F04	7.5	0.5
25	25	78.7	11.0	48.7	11	35.5	42	50	2.8	3.5	F04 / F05	11.0	0.8
32	32	90.0	11.0	54.2	11	35.5	42	50	2.8	3.5	F04 / F05	15.0	1.2
40	38	105.0	11.5	65.7	14	56.0	50	70	3.5	4.5	F05 / F07	20.0	2.0
50	50	124.0	11.5	75.5	14	56.0	50	70	3.5	4.5	F05 / F07	40.0	2.9
65	63	146.2	20.5	91.5	17	76.0	70	102	4.5	5.5	F07 / F10	60.0	5.3
80	76	163.7	20.5	100.8	17	76.0	70	102	4.5	5.5	F07 / F10	85.0	7.2

unit: mm

NPS	d	L	H	H1	S	d1	d2	d3	Ra	Rb	ISO 5211	Torque (in-lb)	Weight (lb)
1/4"	0.46	2.28	0.31	1.43	0.35	1.22	1.42	1.65	0.11	0.11	F03 / F04	48.7	1.0
3/8"	0.50	2.28	0.31	1.43	0.35	1.22	1.42	1.65	0.11	0.11	F03 / F04	48.7	1.0
1/2"	0.59	2.28	0.31	1.43	0.35	1.22	1.42	1.65	0.11	0.11	F03 / F04	48.7	1.0
3/4"	0.79	2.58	0.35	1.54	0.35	1.22	1.42	1.65	0.11	0.11	F03 / F04	66.4	1.0
1"	0.98	3.10	0.43	1.92	0.43	1.40	1.65	1.97	0.11	0.14	F04 / F05	97.4	1.8
1-1/4"	1.26	3.54	0.43	2.13	0.43	1.40	1.65	1.97	0.11	0.14	F04 / F05	132.8	2.6
1-1/2"	1.50	4.13	0.45	2.59	0.55	2.20	1.97	2.76	0.14	0.18	F05 / F07	177.0	4.4
2"	1.97	4.88	0.45	2.97	0.55	2.20	1.97	2.76	0.14	0.18	F05 / F07	354.0	6.4
2-1/2"	2.48	5.76	0.81	3.60	0.67	3.0	2.76	4.02	0.18	0.22	F07 / F10	531.0	11.7
3"	2.99	6.44	0.81	3.97	0.67	3.0	2.76	4.02	0.18	0.22	F07 / F10	752.0	15.8

unit: in