



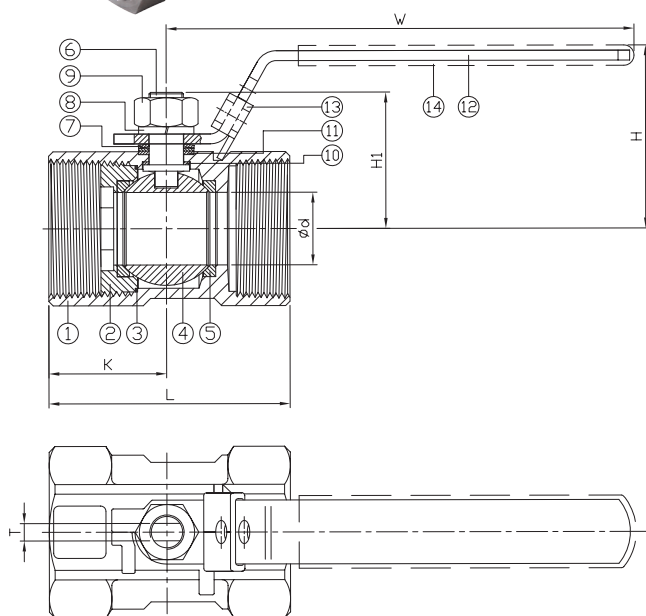
SERIES: B110TC - CARBON STEEL

1-PC. SCREWED END BALL VALVE

(1/4" - 2")

DESIGN FEATURES:

- Reduced port, 1/4"~2" (DN8~DN80)
- **W.P. : 1000 WOG (PN63)**
- W.T. : -20°C~200°C (-4°F~392°F)
- Investment casting
- Blow-out proof stem
- Anti-Static Device
- Silicone Free
- Locking device
- Thread type:
 - » ASME B1.20.1 (NPT)
 - » DIN2999 & BS21
 - » ISO7/1 & EN10226



ITEM	PARTS	MATERIAL
		B110TCPTXXX
1	BODY	ASTM A216-WCB
2	RETAINER	
3	BODY SEAL (1)	PTFE
4	BALL	ASTM A351-CF8M
5	BALL SEAT	PTFE
6	STEM	ASTM A276-316
7	FLAT WASHER	AISI 304
8	SPRING WASHER	
9	STEM NUT	
10	THRUST WASHER	PTFE
11	PACKING	
12	HANDLE	STAINLESS STEEL
13	LATCH LOCK	AISI 304
14	HANDLE SLEEVE	PVC

(1) 1-1/4" - 2" size only

DN	d	L	H	H1	T	W	K	Torque (N-m)	Weight (kg)
8	5.0	39.0	38.0	17.0	3.0	61.7	20.0	0.8	0.1
10	7.0	44.0	41.1	21.4	4.0	73.5	23.0	1.0	0.1
15	9.0	56.5	40.6	26.1	5.0	94.7	29.0	1.2	0.2
20	12.5	59.0	44.1	28.8	5.0	94.7	29.0	1.8	0.3
25	15.0	71.0	56.5	36.5	6.0	111.5	35.0	3.0	0.4
32	20.0	78.0	62.0	40.5	112.5	113.0	38.0	4.9	0.7
40	25.0	83.0	63.2	46.5	160.0	141.0	40.5	7.4	0.9
50	32.0	100.0	68.5	51.0	160.5	141.0	49.0	8.8	1.4

unit: mm

NPS	d	L	H	H1	T	W	K	Torque (in-lb)	Weight (lb)
1/4"	0.20	1.54	1.50	0.67	0.12	2.43	0.79	7.1	0.2
3/8"	0.28	1.73	1.62	0.84	0.16	2.89	0.91	8.9	0.2
1/2"	0.35	2.22	1.60	1.03	0.20	3.73	1.14	10.6	0.4
3/4"	0.49	2.32	1.74	1.13	0.20	3.73	1.14	15.9	0.7
1"	0.59	2.80	2.22	1.44	0.24	4.39	1.38	25.7	0.9
1-1/4"	0.79	3.07	2.44	1.59	4.43	4.45	1.50	43.4	1.5
1-1/2"	0.98	3.27	2.49	1.83	6.30	5.55	1.59	65.1	2.0
2"	1.26	3.94	2.70	2.01	6.32	5.55	1.93	78.1	3.1

unit: in