

# Direct Mount Ball Valve



**2 Piece • Full Port • Threaded Connection • 600 WOG •  
with ISO Mounting Pad**



**T-100 Direct Mount Series**

## Features

- Blow-out proof stem
- ISO 5211 mounting pad
- 100% leak tested
- Fits any T-100, S-100 or JP-100

## Approvals

- UL Listed (1/4" - 2")
  - VQGU - Trim & drain
  - MHKZ - Manual valves (T-100NE only)
  - YQNZ - Compressed gas shut-off valves (T-100NE only)
  - YRBX - Flammable liquid shut-off valves (T-100NE only)
  - YRPV - Gas shut-off valves (T-100NE only)
  - YSDT - LP gas shut-off valves (T-100NE only)
  - SFJQ - Valves, refrigerant (T-100NE only)
- CSA Certified
  - ANSI Z21.15 (.5 PSIG) (1/4" - 3") (T-100NE only)
  - ASME B16.33 (125 PSIG) (1/2" - 2")
  - ASME B16.38 (125PSIG) (2-1/2" - 4") (T-100NE only)
  - CGA 3.16 (125 PSI) (1/4" - 4")
  - CGA 9.2 (1/4" - 3") (T-100NE only)
- FM Approval (1/4" - 2")
- Delta C (3/8" - 3/4") (T-100NE only)
- MSS SP-110
- ANSI B1.20.1

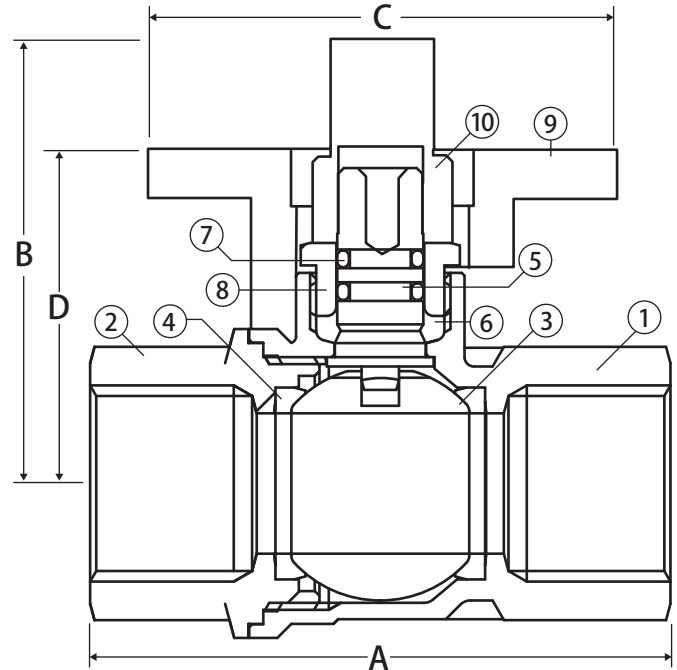
## Material Specifications

No.	Part	Materials
1	Body*	Brass - CW617N
2	End Connection*	Brass - CW617N
3	Ball**	T.E.A. Coated Brass - CW617N
4	Seat (2)	Hostaflo® TFM 1600
5	Stem**	Brass - CW614N
6	Packing	Hostaflo® TFM 1600
7	Stem O-Ring (2)	Viton®
8	Packing Gland*	Brass - CW614N
9	Mounting Pad	Brass - CW614N
10	Stem Adapter	302 Stainless Steel
11	Set Screw† (2)	Stainless Steel

\*Component may be T.E.A. Coated depending upon selection

\*\*Component may be 316 Stainless Steel depending upon selection

†Component not shown in drawing



## Dimensions

Valve	Bracket & Coupler	Size	A	B	C	D	ISO	SQ	Torque
<b>T-100NE</b>									
100-701	A1B-A1C11	1/4"	1.86	1.77	1.97	1.26	F03/F05	0.43	23
100-702	A1B-A1C11	3/8"	1.86	1.77	1.97	1.26	F03/F05	0.43	23
100-703	A1B-A1C11	1/2"	2.45	1.95	1.97	1.50	F03/F05	0.43	35
100-704	A2B-A2C11	3/4"	2.71	2.10	1.97	1.43	F03/F04/F05	0.43	62
100-705	A3B-A3C11	1"	3.30	2.63	1.97	2.12	F05	0.43	89
100-706	A3B-A3C11	1-1/4"	3.80	2.81	1.97	2.35	F05	0.43	132
100-707	A4B-A4C14	1-1/2"	4.16	2.84	2.79	2.44	F05/F07	0.55	177
100-708	A4B-A4C14	2"	5.00	3.65	2.79	3.17	F05/F07	0.55	222
100-709	Fabricated	2-1/2"	6.06				Fabricated		354
100-710	Fabricated	3"	7.08				Fabricated		442
100-711	Fabricated	4"	8.57				Fabricated		620
<b>T-100SSE</b>									
100-501	A1B-A1C11	1/4"	1.86	1.77	1.97	1.26	F03/05	0.43	23
100-502	A1B-A1C11	3/8"	1.86	1.77	1.97	1.26	F03/05	0.43	23
100-503	A1B-A1C11	1/2"	2.45	1.95	1.97	1.50	F03/05	0.43	35
100-504	A2B-A2C11	3/4"	2.71	2.10	1.97	1.43	F03/04/05	0.43	62
100-505	A3B-A3C11	1"	3.30	2.63	1.97	2.12	F05	0.43	89
100-506	A3B-A3C11	1-1/4"	3.80	2.81	1.97	2.35	F05	0.43	132
100-507	A4B-A4C14	1-1/2"	4.16	2.84	2.79	2.44	F05/07	0.55	177
100-508	A4B-A4C14	2"	5.00	3.65	2.79	3.17	F05/07	0.55	222
100-509	Fabricated	2-1/2"	6.06				Fabricated		354
100-510	Fabricated	3"	7.08				Fabricated		442

Note: Torque is in (in-lb)