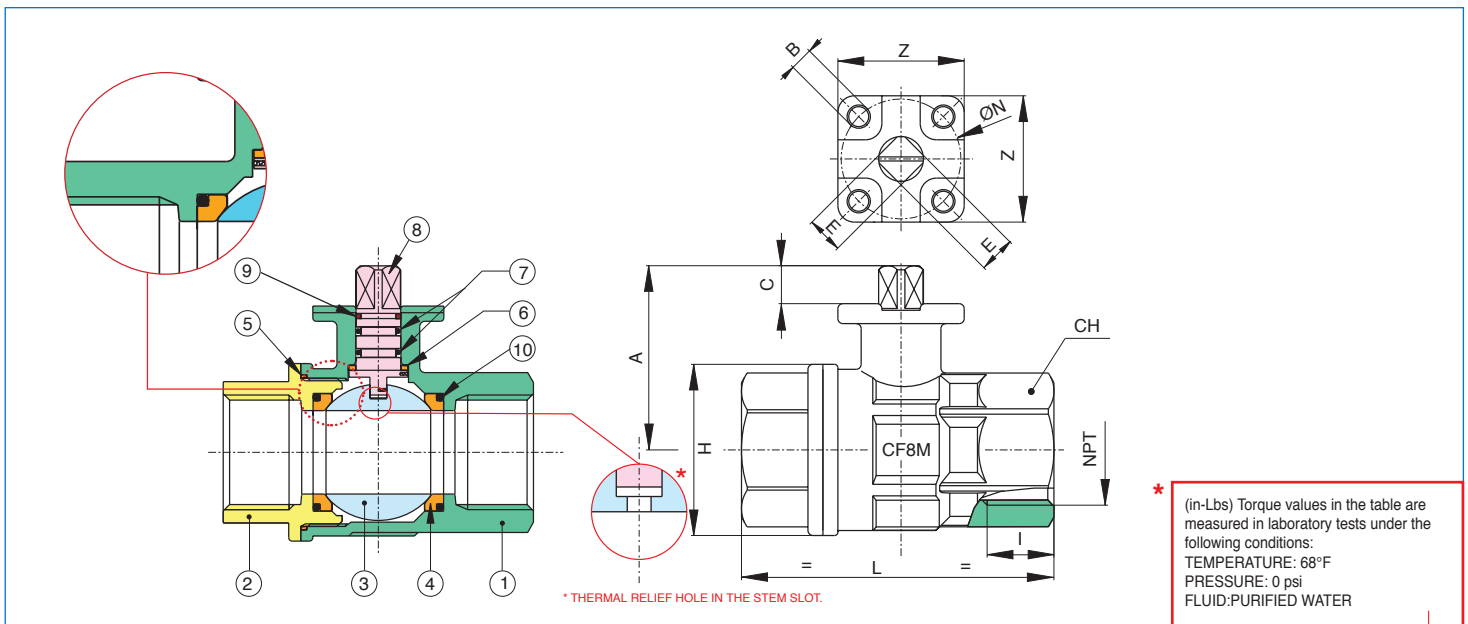


SERIES 700076 STAINLESS STEEL DIRECT MOUNT BALL VALVE

- 2 piece stainless steel FNPT threaded, direct mount ball valve.
- Full port sizes 1/4" to 3".
 - Pressure rating 1000 psi, 150 psi steam.
 - Temperature -4° F to +366° F.
 - Blow out proof stem.
 - P.T.F.E. seats with O-ring backing for low operating torque.
 - P.T.F.E. seals and double O-ring stem packing.
 - 100% electronically tested in the open and closed position at 80 psi.
 - ISO 5211 mounting pad.
 - ANSI B1.20.1 connections.

COMPLIES WITH NACE MR 0175/ISO 15156 AND NACE MR 0103.



* (in-Lbs) Torque values in the table are measured in laboratory tests under the following conditions:
TEMPERATURE: 68°F
PRESSURE: 0 psi
FLUID: PURIFIED WATER

	PART NAME	MATERIAL	N PCS
1	BODY	CF8M	1
2	END CONNECTION	CF8M	1
3	BALL	AISI316-CF8M	1
4	BALL SEAT	P.T.F.E.	2
5	SEAL	P.T.F.E.	1
6	STEM SEAL	P.T.F.E.	1
7	O-RING	FKM (Viton®)	2
8	STEM	AISI 316	1
9	STEM SEAL	P.T.F.E.	1
10	O-RING	FKM (Viton®)	2

SIZE	I	L	H	CH	A	C	E mm	ISO 5211	B	Z	Cv	psi	Weight Lbs	* Torque in-Lbs
1/4"	0.59	2.56	1.44	1.02	1.78	0.26	9	F03/F04 1.42-1.65	0.24	1.65	7.91	1000	0.95	60
3/8"	0.59	2.56	1.44	1.02	1.78	0.26	9	F03/F04 1.42-1.65	0.24	1.65	10.22	1000	0.89	60
1/2"	0.59	2.63	1.35	1.06	1.63	0.35	9	1.42 (ISO F03)	0.23	1.49	22.21	1000	0.68	53.10
3/4"	0.64	3.07	1.65	1.25	1.71	0.35	9	1.42 (ISO F03)	0.23	1.49	40.50	1000	0.91	53.10
1"	0.75	3.54	2.02	1.61	2.10	0.35	9	1.42 (ISO F03)	0.23	1.49	74.63	1000	1.35	53.10
1 1/4"	0.84	3.93	2.53	1.96	2.24	0.35	9	1.42 (ISO F03)	0.23	1.49	120.10	1000	2.22	53.10
1 1/2"	0.84	4.40	3.03	2.16	2.91	0.43	11	1.97 (ISO F05)	0.27	1.96	201.32	1000	3.69	150.46
2"	1.01	5.31	3.81	2.75	3.27	0.43	11	1.97 (ISO F05)	0.27	1.96	348.60	1000	6.49	150.46
2 1/2"	1.22	6.32	4.64	3.39	4.94	0.66	17	F07/F10 2.76-4.02	0.39 0.47	3.64	631.37	800	16.38	484
3"	1.34	7.01	5.48	4.09	5.34	0.71	17	F07/F10 2.76-4.02	0.39 0.47	3.64	1009.48	800	22.82	772