



JOB NAME:	CONTRACTOR:
JOB LOCATION:	APPROVAL:
ENGINEER:	CONTRACTOR P.O.:
APPROVAL:	REPRESENTATIVE:

700LL

**FULL PORT 2-WAY, 2-PIECE STAINLESS STEEL
WITH NPT ENDS AND LOCKING HANDLE
1/4" TO 2"**

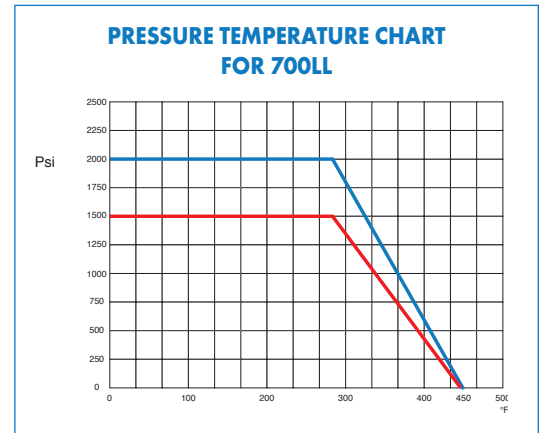
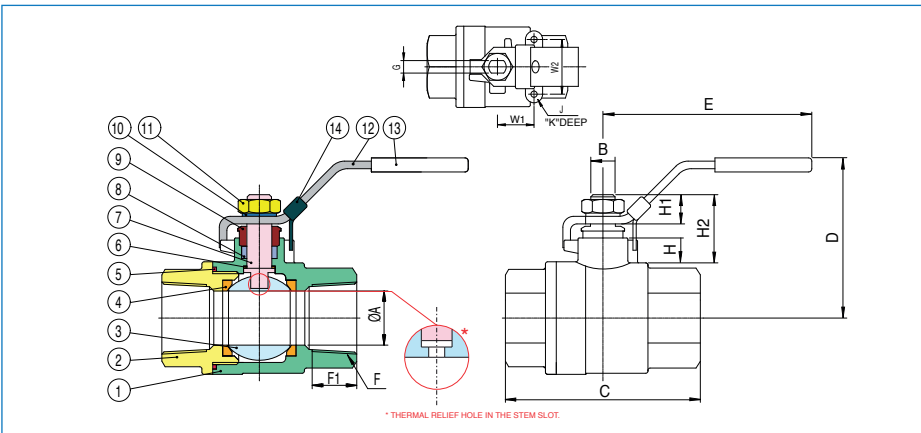
VALVE FEATURES

- Full port sizes 1/4" to 2"
- Self adjusting stem packing
- Blow out proof stem design
- 100% air tested under water at 80 psi
- Working pressure is 2000 psi (1/4" to 1"), 1500 psi (1-1/4" to 2") - 150 steam
- Temperature range: -4°F to 450°F
- Mounting pad for actuator
- ANSI B1.20.1 connections

SPECIFICATIONS

A Two Piece, Full Port, CF8M Stainless Steel Ball Valve with a 316 Stainless Steel Ball and Stem, Rated for 2000 Psi (1/4" to 1"), 1500 Psi (1-1/4" to 2"). The Valve shall have RTFE Seats.

A Latch Locking Style Device shall be Standard So that the Valve can be Locked in either the Open or Closed Position. A Drilled and Tapped Mounting Pad shall be Standard so the Valve is Capable of Accepting Actuator Mounting.



N POS	PART NAME	MATERIAL	N PCS
1	BODY	CF8M	1
2	END CAP	CF8M	1
3	BALL	SS 316	1
4	SEAT	R.T.F.E.	2
5	JOINT GASKET	P.T.F.E.	1
6	THRUST WASHER	P.T.F.E.	1
7	STEM	SS 316	1
8	V-RING PACKING	P.T.F.E.	1
9	GLAND BUSH	STEEL	1
10	STEM WASHER	STEEL	1
11	STEM NUT	STEEL	1
12	HANDLE	STEEL	1
13	HANDLE SLEEVE	VINYL	1
14	LOCKING DEVICE	SS 304	1

SIZE	ØA	B	C	D	E	F	G	H1	H2	H3	J	K	W1	W2	Cv	Break Torque	Weight Lbs.
1/4"	0.45	0.31	2.16	1.96	3.93	0.59	0.19	0.31	0.38	0.87	10-24 UNC	0.23	0.50	1.12	8	46	0.51
3/8"	0.49	0.31	2.16	1.96	3.93	0.59	0.19	0.31	0.38	0.87	10-24 UNC	0.23	0.50	1.12	10	46	0.51
1/2"	0.59	0.37	2.55	2.36	5.11	0.62	0.25	0.41	0.43	1.00	10-24 UNC	0.19	0.50	1.12	15	58	0.83
3/4"	0.78	0.37	2.93	2.51	5.11	0.66	0.25	0.41	0.43	1.00	10-24 UNC	0.27	0.88	1.37	34	81	1.14
1"	0.98	0.43	3.46	2.79	6.49	0.94	0.31	0.45	0.53	1.24	10-24 UNC	0.27	0.92	1.37	56	138	2.02
1-1/4"	1.25	0.43	4.01	3.07	6.49	0.86	0.31	0.45	0.53	1.24	1/4-20 UNC	0.27	1.00	1.50	85	173	2.70
1-1/2"	1.49	0.55	4.33	3.38	7.48	0.88	0.38	0.47	0.61	1.38	1/4-20 UNC	0.27	1.00	1.50	125	253	4.18
2"	1.96	0.55	4.92	3.74	7.48	1.02	0.38	0.47	0.61	1.38	1/4-20 UNC	0.27	1.00	1.50	250	323	6.86