



79-700 Series



Full Port Forged Brass Refrigerant Ball Valve

FEATURES

- Bi-directional flow design
- Reinforced seats and seals
- Pressure equalizing ball
- Exclusive design rotation stops
- Copper extensions silver brazed to body allows use of Sil-Fos
- Capped, triple sealed stem with metal back up reduces leaks
- Blow-out-proof stem design
- Adjustable packing gland
- Hermetic welded assembly
- Full Port Design



UL LISTINGS

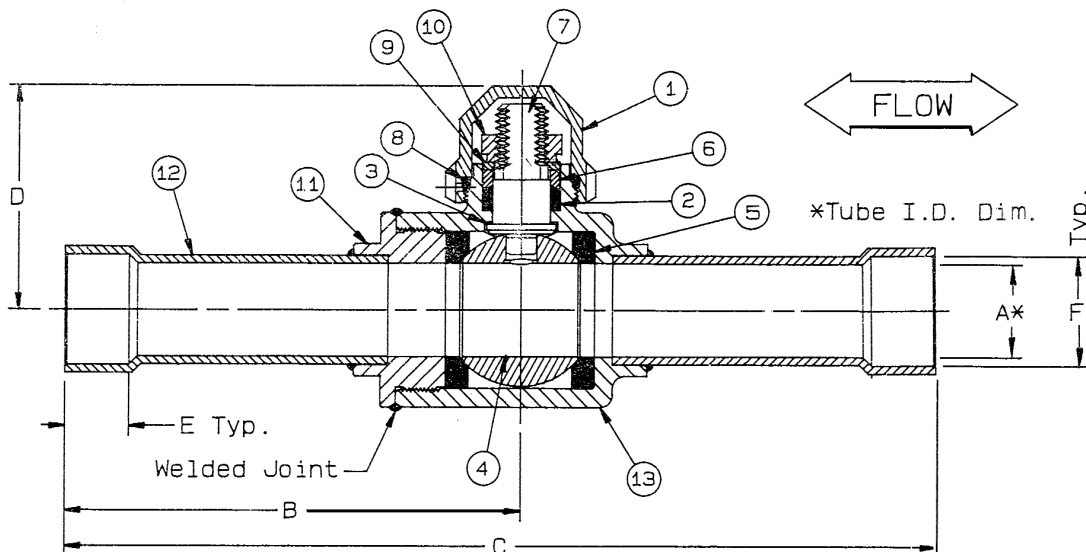
- Guide SFJQ: Valves, Refrigerant

STANDARD MATERIAL LIST

1. Cap
2. Stem packing
3. Stem bearing
4. Ball
5. Seat (2)
6. Packing gland
7. Stem

8. O-Ring
9. Stop Plate
10. Hex nut
11. Retainer
12. Tube extension
13. Body

- Neoprene
- Steel, Plated
- B16
- B16
- Copper tubing
- Forged brass



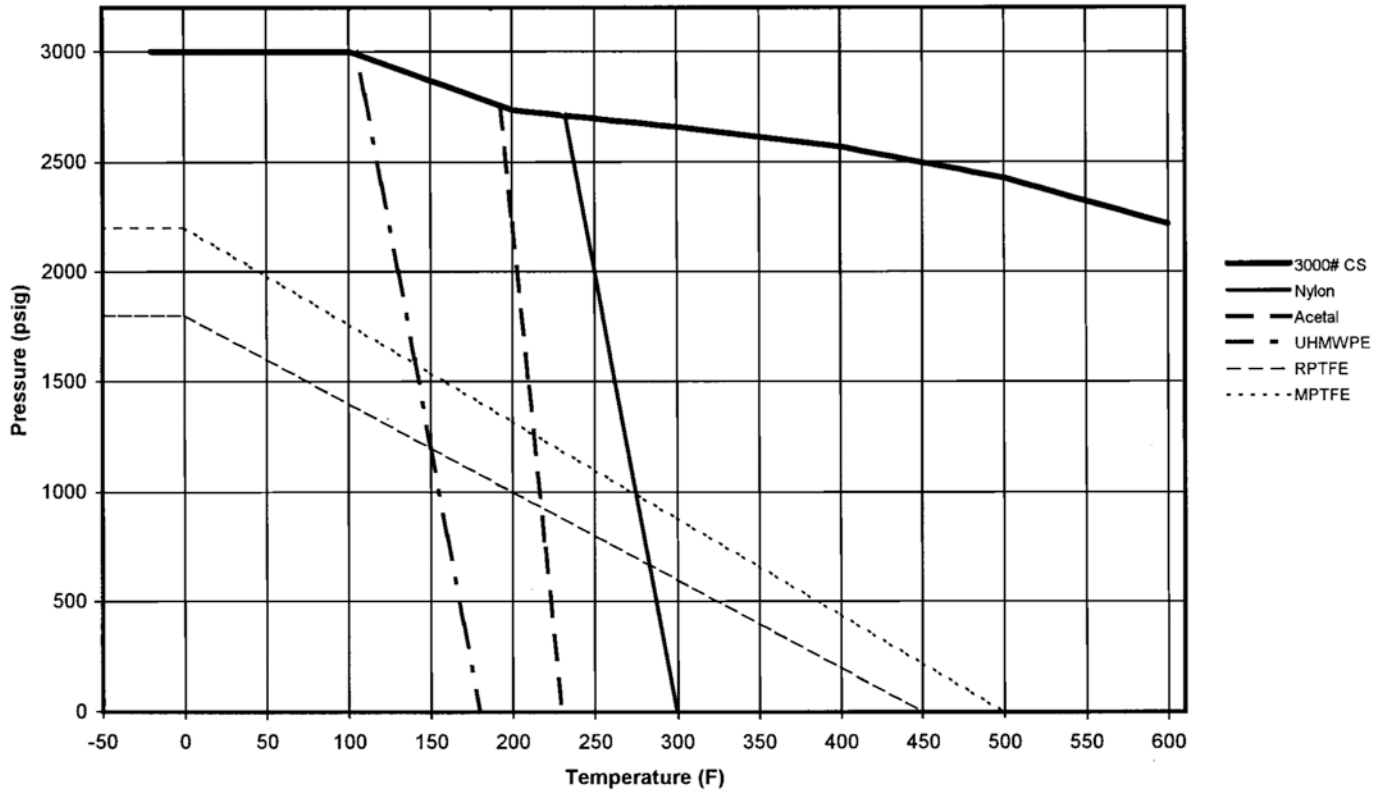
FULL PORT FORGED BRASS REFRIGERANT BALL VALVE

NUMBER	SIZE	A	B	C	D	E	F	Wt.	Cv	Equivalent Length of tube
79-701-01	3/8"	.32	3.18	6.09	1.55	.38	.38	.94	2.9	10.8
79-702-01	1/2"	.45	3.18	6.09	1.55	.38	.50	.94	5.6	13.3
79-703-01	5/8"	.50	3.43	6.59	1.55	.50	.62	.94	13.1	10.4
79-704-01	7/8"	.75	3.69	7.07	1.83	.75	.87	1.31	31.9	11.2
79-705-01	1-1/8"	1.00	4.20	8.00	2.01	.90	1.12	2.06	68.0	10.7
79-706-01	1-3/8"	1.25	4.54	8.63	2.61	.96	1.38	4.00	109	11.6
79-707-01	1-5/8"	1.50	4.47	8.85	2.79	1.09	1.62	4.25	152	13.2
79-708-01	2-1/8"	2.00	4.84	9.59	3.17	1.34	2.12	6.00	275	15.1
79-709-01	2-5/8"	2.43	5.00	10.00	3.90	1.48	2.62	17.50	349	21.1
79-600-01*	3-1/8"	2.50	7.00	14.00	3.90	1.67	3.13	17.60	391	30.1

* Note: 3-1/8" size is not full port

For Pressure/Temperature Ratings,
Refer to Page M-13, Graph No. 16

3000# CS P-T Rating (Graph 15)



Refrigeration Valve P-T Rating (Graph 16)

