



# 77C-800 SERIES

## Full Port Bronze Ball Valve

### Male X Female NPT

<b>Job Name:</b>	<b>Contractor:</b>
<b>Job Location:</b>	<b>P.O. Number:</b>
<b>Engineer:</b>	<b>Representative:</b>
<b>Tag:</b>	<b>Wholesale Distributor:</b>

### DESCRIPTION

The Apollo® 77C “Contractor Series” ball valve features a dezincification resistant bronze body, premium “multi-fill” MPTFE seats and stem packing, and a solid ball design that delivers true full-port flow performance. Cast and machined in Apollo’s South Carolina manufacturing plants utilizing proven ASTM materials.

### FEATURES

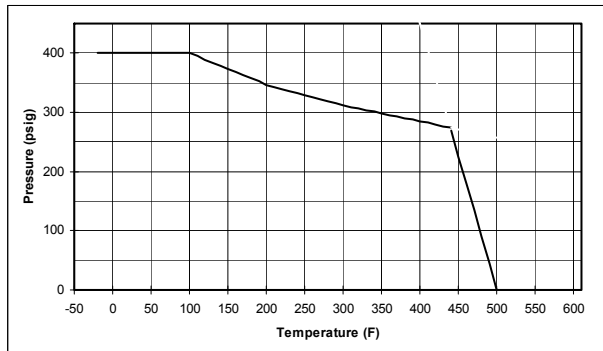
- Premium Multi-Fill PTFE Seats & Seals
- Blow-out Proof Stem Design
- Adjustable Stem Packing
- Full-Port “Solid Ball” Design
- 100% Factory Tested
- **Made in USA – ARRA Compliant**

### APPROVALS

- MSS SP-110 Compliant
- CRN: OC10908.5C

### PERFORMANCE RATING

- Maximum Pressure: 400 psi CWP, 150 psi SWP
- Maximum Temperature: 500°F
- Vacuum service to 29 in. Hg



### STANDARD MATERIAL

Part Name	Material
Gland	ASTM B16 Brass
Nut	Stainless Steel
Packing	MPTFE
Seat	MPTFE
Stem	ASTM B16 Brass
Ball	ASTM B16 Brass Chr Pit
Retainer	ASTM B16 Brass
Body	B584 Bronze
Handle	Zinc Plated Steel/Vinyl

### DIMENSIONS

Model Number	Size (in.)	Dimensions (in.)					Cv	Wt.*** (lbs.)	Carton Qty.
		A	B	C	D	E			
NPT									
77C-803-01	1/2"	0.50	1.11	2.46	1.79	3.74	15.5	0.60	10
77C-804-01	3/4"	0.75	1.33	2.81	2.00	4.78	35.6	1.02	10
77C-805-01	1"	1.00	1.54	3.28	2.19	4.78	68.1	1.73	5
77C-806-01	1 1/4"	1.25	2.04	4.26	3.10	7.06	125.0	4.16	6
77C-807-01	1 1/2"	1.50	2.12	4.47	3.09	7.06	177.0	4.46	6
77C-808-01	2"	2.00	2.53	5.17	3.45	7.06	389.0	7.80	5

\*\*\* Weights based on Standard Configuration

### OPTIONS (For 1/2" to 2")

- (-01) Standard Trim and Lever Handle
- (-04) 2 1/4" Stem Extension
- (-07) Tee Handle
- (-10) S.S. Lever & Nut
- (-11) Therma-Seal™ Insulating Tee Handle
- (-27) Locking Handle
- (-83) S.S. Tee Handle
- (-84) Reverse S.S. Lever (1-1/4" - 2")
- (-85) Short S.S. Tee Handle (1/2")
- (-94) 2 1/4" Stem Extension and Balancing Stop
- (77C-840 Series) S.S. Ball and Stem

