

77C-A Series

2 Piece Full Port Bronze Ball Valve



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The Apollo 77C-A "Contractor Series" Ball Valve features a dezincification resistant bronze body, premium RPTFE 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 using proven ASTM materials. **Not for use with potable water systems in USA.**

FEATURES

- RPTFE Seats & Seals
- Blowout-Proof Stem Design
- Adjustable Stem Packing
- Full-Port "Solid Ball" Design
- 100% Factory Tested
- **100% MADE IN THE USA**

APPROVALS

- MSS SP-110 Compliant
- CRN: OC10908.5C
- IAPMO/ANSI Z1157-2014e1

PERFORMANCE RATING

- Max Pressure: 600 psi CWP | 150 psi SWP
- Max Temperature: 450°F
- Vacuum service to 29 in. Hg

MODELS

- 77C-140 & 77C-240 Series - SS Vented Ball and Stem
- 77CLF - Lead Free 0.25% max; ANSI 3rd Party Certified
- 77C-ULA - UL 258
Fire Protection Trim & Drain, Guide VQGU) - NPT & Solder to 2"
- 77G-UL - CSA & UL Gas Listed - NPT 1/2" - 1"

OPTIONS

- (-01) Standard Lever and Trim
- (-04) 2-1/4" Stem Extension
- (-07) Tee Handle
- (-10) S.S. Handle and Nut
- (-11) Thermo-Seal™ Insulating Tee
- (-27) Locking Handle
- (-50) 2-1/4" Locking Stem Extension
- (-57) Oxygen Cleaned
- (-94) 2-1/4" Stem Extension and Balancing Stop
- 77C140/240 Series - 316 SS Vented Ball and Stem

STANDARD MATERIALS LIST

GLAND NUT	ASTM B16 Brass
NUT	Zinc Plated Steel
PACKING	RPTFE
SEATS	RPTFE
STEM	ASTM B16 Brass
BALL	ASTM B16 Brass Chrome Plated or B283, C37700 Chrome Plated
RETAINER	B584 Bronze or B283, C37700
BODY	B584 Bronze
HANDLE	Zinc Plated Steel/Vinyl

DIMENSIONS

PART NO.	SIZE (IN.)	DIMENSIONS (IN.)							C _v	WT. * (LB.)
		A	B	C	D	E	F	G		
NPT										
77C-101-01A	1/4"	0.37	0.88	1.8	1.65	2.82	-	-	5	0.6
77C-102-01A	3/8"	0.37	0.94	1.86	1.65	2.82	-	-	7	0.6
77C-103-01A	1/2"	0.50	1.15	2.29	1.79	3.82	-	-	16	0.6
77C-104-01A	3/4"	0.75	1.34	2.67	1.91	3.82	-	-	36	1.0
77C-105-01A	1"	1.00	1.63	3.24	2.24	4.72	-	-	68	1.8
77C-106-01A	1-1/4"	1.25	1.9	3.75	2.46	4.72	-	-	125	4.2
77C-107-01A	1-1/2"	1.50	2.06	4.11	2.9	5.37	-	-	177	4.6
77C-108-01A	2"	2.00	2.43	4.85	3.68	7.72	-	-	389	7.9
77C-109-01A	2-1/2"	2.50	3.03	6.02	4.13	7.72	-	-	503	16.4
SOLDER										
77C-202-01A	3/8"	0.37	1.24	2.17	1.65	2.82	0.41	0.50	7	0.6
77C-203-01A	1/2"	0.50	1.36	2.47	1.79	3.82	0.50	0.63	16	0.6
77C-204-01A	3/4"	0.75	1.73	3.20	1.91	3.82	0.75	0.88	36	1.0
77C-205-01A	1"	1.00	2.06	3.81	2.24	4.72	0.91	1.13	68	1.5
77C-206-01A	1-1/4"	1.25	2.22	4.21	2.46	4.72	0.97	1.38	125	3.9
77C-207-01A	1-1/2"	1.50	2.53	4.90	2.9	5.37	1.09	1.63	177	5.9
77C-208-01A	2"	2.00	3.15	6.07	3.68	7.72	1.34	2.13	389	7.5
77C-209-01A	2-1/2"	2.50	3.78	7.17	4.13	7.72	1.48	2.63	503	14.5

*Weights based on Standard Configuration

