77CLF-A Series

2 Piece Full Port Bronze Ball Valve

LEAD FREE





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

DESCRIPTION

The Apollo® 77CLF "Contractor Series" Lead Free 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 EZ-Solder™ lead free materials.

FEATURES

- · Easily Identifiable White Handle and Blue "Lead Free" Hang Tag
- EZ-Solder™ Lead Free Bronze**
- Lead Free Brass & Bronze Materials
- · Blowout-Proof Stem Design
- **RPTFE Seats & Seals**
- Manufactured and 100% Factory Tested in USA

APPROVALS

- · MSS SP-110 Compliant
- NSF/ANSI 61 Water Quality
- NSF/ANSI 372 Lead Free
- ANSI 3rd Party Approval to 0.25% Lead Max.
- IAPMO/ANSI Z1157-2014e1
- City of Los Angeles DBS
- CRN: OC10908.5C

PERFORMANCE RATING

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

OPTIONS

- (-01) Standard Lever and Trim
- (-04) 2-1/4" Stem Extension
- (-07) Tee Handle
- (-10) SS Handle and Nut
- (-11) Therma-Seal[™] Insulating Tee
- (-27) Locking Handle
- (-50) 2-1/4" Locking Stem Extension
- (-92) Balancing Stop
- (-94) 2-1/4" Stem Extension and Balancing Stop**77CLF-2xxA intended for soft solder installation
- 77CLF140/240 Series 316 SS Vented Ball and Stem

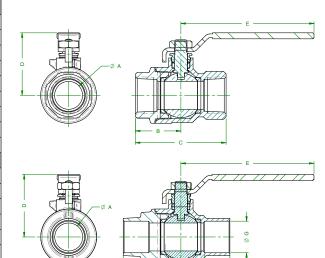
STANDARD MATERIALS LIST

GLAND NUT	ASTM B16 Brass						
NUT	Zinc Plated Steel						
PACKING	RPTFE						
SEATS	RPTFE						
STEM	C27451 Lead Free Brass						
BALL	C27451 Lead Free Brass Cr. Plated						
RETAINER	C27451 Lead Free Brass (1/4" - 1") B584-C89836 Lead Free Bronze (1-1/4" - 2-1/2")						
BODY	B584-C89836 Lead Free Bronze						
HANDLE	Zinc Plated Steel/Vinyl						

using solders with melting temperature of < 500°F.

DIMENSIONS

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



^{*}LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.



^{*}Weights based on Standard Configuration