

10IT LF

Class 125, Rising Stem, NPT, Gate Valve

LEAD FREE

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The lead free* Apollo® Model 10IT-LF (30LF Series) Gate valve provides a "Made in the USA" alternative to globally sourced multi-turn valves for potable water service. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality lead free materials.

FEATURES

- Lead Free* - ANSI 3rd Party Certified
- Full Port Design
- Guided Solid Bronze Disc Wedge
- Adjustable Graphite Stem Packing
- Rising Stem
- NPT Connection
- Screw-in Bonnet
- Rugged Malleable Iron Hand Wheel
- Back seat protection
- 100% Factory tested
- **100% Cast, Machined and Assembled in the USA**
- ARRA Compliant

PERFORMANCE RATING

- Saturated Steam: 125 psi (8.6 Bar) to 353°F(178°C)
- Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
- Temperature Range: -20°F to 406°F

APPROVALS

- MSS SP-80 - Design & Testing - Type 2
- MSS SP-139 - Copper Alloy Gate, Globe, & Check Valves
- NSF/ANSI 61-8 2010, Annex F & G
- NSF 372 - Lead Free
- ASME Bl.20.1 - Pipe Threads, General Purpose (Inch)
- CSA B51 CRN OC14667.5

STANDARD MATERIALS LIST

BODY	Bronze, ASTM B584-C89836
BONNET	Bronze, ASTM B584-C89836
STEM	ASTM B21 UNS C46400
DISC WEDGE	ASTM B584-C89836
PACKING	Grafoil® (Asbestos Free)
HAND WHEEL	Malleable Iron, Epoxy Coated
NAMEPLATE	Aluminum

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
10IT14LF	30LF-001-01	1/4"	4.57	1.76	.80	3.0
10IT38LF	30LF-002-01	3/8"	4.51	1.76	.77	6.0
10IT12LF	30LF-003-01	1/2"	4.85	2.03	1.0	12.5
10IT34LF	30LF-004-01	3/4"	5.71	2.07	1.30	24.0
10IT1LF	30LF-005-01	1"	6.71	2.45	2.16	72.3
10IT114LF	30LF-006-01	1-1/4"	8.1	2.63	3.2	80.0
10IT112LF	30LF-007-01	1-1/2"	9.08	2.88	4.36	119.0
10IT2LF	30LF-008-01	2"	11.28	3.06	7.01	338.0
10IT212LF	30LF-009-01	2-1/2"	14.58	4.13	13.79	395.0
10IT3LF	30LF-000-01	3"	19.07	4.48	17.7	435.0

**Cv = flowrate at 1.0 psid

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

Customer Service (704) 841-6000
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