

# 'Apollo' Valves

## SUBMITTAL SHEET

### LEAD FREE

## 163T-PRLF Model

200 CWP Bronze Swing Check

**APOLLOXPRESS®**



<b>Job Name:</b>	
<b>Job Location:</b>	
<b>Engineer:</b>	
<b>Contractor:</b>	
<b>Tag:</b>	
<b>PO Number:</b>	
<b>Representative:</b>	
<b>Wholesale Distributor:</b>	



### DESCRIPTION

The Lead Free\* APOLLOXPRESS® Model 163T-PRLF (Series 61YLF) Swing Check with press connections is a proven combination that provides economical installation and reliable service for potable water applications. These valves are cast, machined, assembled, and tested in South Carolina using proven ASTM quality materials.

### FEATURES

- Fast, Reliable, Economical Press Installation
- Ridgid® XL Press Tool Compatible
- Leak Before Press® Technology
- ANSI/NSF 61-8
- Quick Press End Connection
- Renewable PTFE Seat Disc
- Dezincification Resistant
- **Made in USA, ARRA Compliant**

### APPROVALS

- MSS SP-139, "Copper Alloy Gate, Globe, & Check Valves"
- NSF/ANSI 61-G
- NSF/ANSI 372 Lead Free
- Canadian Registration Number 0C14667.5

### PERFORMANCE RATING<sup>†</sup>

- Maximum Pressure: 200 psi (13.8 bar) non-shock
- Temperature Range: 0°F - 250°F (-18°C - 121°C)

<sup>†</sup>APOLLOXPRESS® connectors are designed for direct mechanical connection to ASTM B88-Type K, L, and M copper tubing in the hard drawn condition. Press connectors are not suitable for steam or flammable gas service.

### OPTIONS

- (163T-PR) APOLLOXPRESS®

### STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B584 C89836 Bronze
Cap	ASTM B584 C89836 Bronze
Connector Housing	UNS C27450 Brass
Connector O-Ring	NSF grade EPDM
Hanger	304 Stainless Steel or ASTM B584 C89836 Bronze
Pin	Stainless Steel
Seat	PTFE
Plug	UNS C27450 Brass

### DIMENSIONS

Model Number	Part Number	Size (in.)	Height	Length	Cv	Wt. (lbs.)
163T12-PRLF	61YLF-203-T1PR	1/2"	1.65	4.3	7.0	.78
163T34-PRLF	61YLF-204-T1PR	3/4"	1.9	5.1	12.0	1.8
163T1-PRLF	61YLF-205-T1PR	1"	2.26	5.9	28.6	2.5
163T114-PRLF	61YLF-206-T1PR	1-1/4"	2.99	7.0	39.0	4.4
163T112-PRLF	61YLF-207-T1PR	1-1/2"	2.99	7.75	56.0	4.5
163T2-PRLF	61YLF-208-T1PR	2"	3.74	8.9	152.0	7.0

For liquids the flow coefficient - Cv - expresses the flow capacity in gallons per minute (GPM) of 60°F water with a pressure drop of 1 psi (lb/in<sup>2</sup>).

**Precautionary Note:** Not recommended for applications which may induce pulsation or repetitive vibration. See Installation Manual for details.

\* **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.

Apollo Valves, Manufactured by **Conbraco Industries, Inc.**  
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