

# 'Apollo' Valves

# SUBMITTAL SHEET

# 101S

Class 125, Rising Stem, Solder Gate Valve



<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 Apollo Model 101S (30 Series) Gate valve provides a cost effective "Made in the USA" alternative to globally sourced multi-turn valves. These valves are cast, machined, assembled, and tested in South Carolina. Rugged and dependable, the Apollo gate valve is ideal for use in a wide variety of plumbing and heating applications including building service piping systems.

## FEATURES

- Full Port
- Guided Solid Bronze Disc
- Rising Stem
- Screw-in Bonnet
- Solder Connections
- Adjustable Graphite Stem Packing
- Dezincification Resistant All-Bronze Construction
- Rugged Malleable Iron Hand Wheel
- Back seat protection
- 100% Factory tested
- **100% Cast, Machined and Assembled in the USA**
- ARRA Compliant

## STANDARDS

- MSS SP-80, "Bronze Gate, Globe, Angle & Check Valves",
- Canadian Registration Number OC14667.5

## 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

## STANDARD MATERIALS LIST

Part Name	Material
Body	ASTM B62 Bronze
Bonnet	ASTM B62 Bronze
Stem	ASTM B371 Bronze
Disc	ASTM B62 Bronze
Packing	Grafoil®
Hand Wheel	Malleable Iron
Nameplate	Aluminum

## ORDER INFORMATION

Model Number	Part Number	Size (in.)
101S12	30-083-01	1/2"
101S34	30-084-01	3/4"
101S1	30-085-01	1"
101S114	30-086-01	1-1/4"
101S112	30-087-01	1-1/2"
101S2	30-088-01	2"
101S212	30-089-01	2-1/2"
101S3	30-080-01	3"

## DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
4.85	2.03	1.0	12.5
5.71	2.07	1.3	24.0
6.71	2.45	2.2	72.3
8.1	2.63	3.2	80.0
9.08	2.88	4.4	119.0
11.28	3.06	7.0	338.0
14.58	4.13	13.8	395.0
19.07	4.48	17.7	435.0

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