

101S

Class 125, Rising Stem, Solder, Gate Valve

SUBMITTAL SHEET

"Apollo" Flow Controls



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

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 Wedge
- 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

PERFORMANCE RATING

- Cold Working Pressure: 200 psi (13.8 Bar) at 100°F
- Temperature Range: -20°F to 406°F

APPROVALS

- MSS SP-80 - Bronze Gate, Globe, Angle & Check Valves - Type 2
- Canadian Registration Number OC14667.5

STANDARD MATERIALS LIST

BODY	Bronze, ASTM B62
BONNET	Bronze, ASTM B62
STEM	ASTM B21 UNS C46400
DISC WEDGE	Bronze, ASTM B62
PACKING	Grafoil® (Asbestos Free)
HAND WHEEL	Malleable Iron
NAMEPLATE	Aluminum

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
101S12	30-083-01	1/2"	4.85	2.03	1.0	12.5
101S34	30-084-01	3/4"	5.71	2.07	1.3	24.0
101S1	30-085-01	1"	6.71	2.45	2.2	72.3
101S114	30-086-01	1-1/4"	8.1	2.63	3.2	80.0
101S112	30-087-01	1-1/2"	9.08	2.88	4.4	119.0
101S2	30-088-01	2"	11.28	3.06	7.0	338.0
101S212	30-089-01	2-1/2"	14.58	4.13	13.8	395.0
101S3	30-080-01	3"	19.07	4.48	17.7	435.0