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Job Location:	
Engineer:	
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DESCRIPTION

The **Apollo® Model 102S 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. 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
- Adjustable Graphite Stem Packing
- Non-Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory tested
- Solder Connection
- Screw-in Bonnet
- Back Seat Protection
- Malleable Iron Rugged Hand Wheel
- **100% Machined and Assembled in USA**

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 1
- ASME B16.18 - Cast Copper Alloy Solder Joint Pressure Fittings

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

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DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
102S12	30-043-01	1/2"	3.56	1.88	.85	12.5
102S34	30-044-01	3/4"	4.05	2.43	1.19	24.0
102S1	30-045-01	1"	4.55	2.96	1.98	72.3
102S114	30-046-01	1-1/4"	5.14	3.14	2.8	80.0
102S112	30-047-01	1-1/2"	6.02	3.44	3.95	119.0
102S2	30-048-01	2"	7.09	4.11	5.88	338.0
102S212	30-049-01	2-1/2"	9.11	4.79	12.19	395.0
102S3	30-040-01	3"	12.61	5.43	16.84	435.0