



Model 102S

CLASS 125 GATE VALVE

NON RISING STEM, SOLDER

(30 SERIES)

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

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 can reliably be installed in most plumbing and heating systems (or building service piping).

Features

- Full Port
- Guided Solid Bronze Disc
- Adjustable Graphite Stem Packing
- Non-Rising Stem
- Dezincification Resistant
- All Bronze Construction
- 100% Factory tested
- Solder Connection
- Screw-in Bonnet
- Malleable Iron Rugged Hand Wheel
- 100% machined and assembled in USA
- Back seat protection

Standards

- MSS SP-80, "Bronze Gate, Globe, Angle & Check Valves",
- ASME B16.18, "Cast Copper Alloy Solder Joint Pressure Fittings

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

Order Information

Size	Model	Item Number Solder
<input type="checkbox"/> ½"	102S	30-043-01
<input type="checkbox"/> ¾"	102S	30-044-01
<input type="checkbox"/> 1"	102S	30-045-01
<input type="checkbox"/> 1-1/4"	102S	30-046-01
<input type="checkbox"/> 1-½"	102S	30-047-01
<input type="checkbox"/> 2"	102S	30-048-01
<input type="checkbox"/> 2-1/2"	102S	30-049-01
<input type="checkbox"/> 3"	102S	30-040-01



Material Specifications

Part Name	Material
Body	ASTM B62 Bronze
Bonnet	ASTM B62 Bronze
Stem	ASTM B371 Bronze
Disc	ASTM B62 Bronze
Packing	Grafoil®
Packing Nut	ASTM B16 Brass
Hand Wheel	Malleable Iron
Nameplate	Aluminum

Dimensions

Size	Height (open) In.	Length (in.)	Weight (Lbs)	Cv (gpm)
½"	3.56	1.88	.85	12.5
¾"	4.05	2.43	1.19	24.0
1"	4.55	2.96	1.98	72.3
1-1/4"	5.14	3.14	2.8	80.0
1-1/2"	6.02	3.44	3.95	119.0
2"	7.09	4.11	5.88	338.0
2-1/2"	9.11	4.79	12.19	395.0
3"	12.61	5.43	16.84	435.0



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