

102T-K

Class 125, Non Rising Stem, NPT, Gate Valve

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The Apollo® Model 102T-K (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. 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 per MSS
- NPT Connection
- Screw-in Bonnet
- Rugged Bronze "Cross" Handle
- Back Seat Protection
- **100% Cast, Machined and Assembled in the USA**
- **ARRA Compliant**

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
- *Valves should be in open position to allow complete drainage during freezing conditions.*

APPROVALS

- MSS SP-80 - Bronze Gate, Globe, Angle & Check Valves - Type 1
- ASME B1.20.1 - Pipe Threads, General Purpose (Inch)
- Canadian Registration Number OC14667.5

STANDARD MATERIALS LIST

BODY	ASTM B62 Bronze
BONNET	ASTM B62 Bronze
STEM	ASTM B21 UNS C46400
STEM NUT	Stainless Steel
DISC	ASTM B62 Bronze
PACKING	Grafoil® (Asbestos Free)
PACKING NUT	ASTM B16 Brass
HANDLE	ASTM B584 Bronze

DIMENSIONS

MODEL NO.	PART NO.	SIZE (IN.)	HEIGHT OPEN (IN.)	LENGTH (IN.)	WEIGHT (LB.)	CV (GPM)
102TK12	30-033-01K	1/2"	3.56	2.03	.85	12.5
102TK34	30-034-01K	3/4"	4.05	2.07	1.19	24.0
102TK1	30-035-01K	1"	4.55	2.45	1.98	72.3
102TK114	30-036-01K	1-1/4"	5.14	2.63	2.8	80.0
102TK112	30-037-01K	1-1/2"	6.02	2.88	3.95	119.0
102TK2	30-038-01K	2"	7.09	3.06	5.88	338.0
102TK212	30-039-01K	2-1/2"	9.11	4.13	12.19	395.0
102TK3	30-030-01K	3"	12.61	4.48	16.84	435.0