

'Apollo' Valves

SUBMITTAL SHEET

102T-K Series

Class 125, Non Rising Stem, NPT Gate Valve



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

The Apollo Model 102T-K Gate Valve provides a cost effective "Made in the USA" alternative to globally sourced multi-turn valves for irrigation service. These valves are cast, machined, assembled, and tested in South Carolina using proven corrosion and dezincification resistant ASTM quality materials. The bronze cast handle design allows for easy access underground operation.

FEATURES

- Full Port
- Guided Solid Bronze Disc
- 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 US**
- ARRA Compliant

STANDARDS

- MSS SP-80, "Bronze Gate, Globe, Angle & Check Valves"
- ASME B1.20.1, "Pipe Threads, General Purpose (Inch)"
- Canadian Registration Number 0C14667.5

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

STANDARD MATERIALS LIST

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
Handle	ASTM B584 Bronze

ORDER INFORMATION

Model Number	Part Number	Size (in.)
102TK12	30-033-01K	1/2"
102TK34	30-034-01K	3/4"
102TK1	30-035-01K	1"
102TK114	30-036-01K	1-1/4"
102TK112	30-037-01K	1-1/2"
102TK2	30-038-01K	2"
102TK212	30-039-01K	2-1/2"
102TK3	30-030-01K	3"

DIMENSIONS

Height open (in.)	Length (in.)	Weight (lbs)	Cv (gpm)
3.56	2.03	.85	12.5
4.05	2.07	1.19	24.0
4.55	2.45	1.98	72.3
5.14	2.63	2.8	80.0
6.02	2.88	3.95	119.0
7.09	3.06	5.88	338.0
9.11	4.13	12.19	395.0
12.61	4.48	16.84	435.0

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