

## SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

# BRONZE RISING STEM GATE VALVE

## T/S-417

Durable, all-bronze body construction  
 Rising stem design quickly indicates disc-wedge position  
 Solid, fully-guided disc-wedge  
 Integral seats  
 Heavy-duty inserted and extended bonnet is ideal for insulated or remote piping installations, placing the handwheel closer to the operator

Working Pressure, Non-Shock (PSI)  
 Cold Water, Oil, Gas: 200  
 Saturated Steam: 125

Class 125

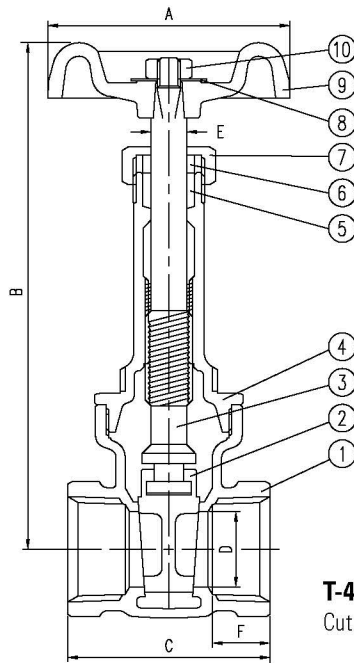
- Conforms to MSS SP 80
- Threaded end connections comply with ANSI / ASME B1.20.1
- Sweat end connections comply with ANSI / ASME B16.18
- Manufactured in an ISO accredited facility



MATERIAL SPECIFICATION		
PART	MATERIAL	SPECIFICATION
1 Body	Cast bronze	ASTM B62 UNS C83600
2 Disc wedge	Cast bronze	ASTM B62 UNS C83600
3 Stem	Cast bronze	ASTM B62 UNS C83600
4 Bonnet	Cast bronze	ASTM B62 UNS C83600
5 Stem packing	PTFE	Dupont Teflon*
6 Packing gland	Brass	ASTM B16 UNS C36000
7 Packing nut	1/2" - 1" Brass 1-1/4" - 3" Cast bronze	ASTM B16 UNS C36000 ASTM B62 UNS C83600

\*Teflon is a registered trademark of Dupont

DIMENSIONS – WEIGHTS						
Size	A (IPS)	A (Cx C)	B (closed)	C	D	Wt (IPS)
1/2"	1.97	1.89	4.29	2.13	0.5	0.83
3/4"	2	2.36	5.01	2.40	0.75	1.17
1"	2.36	2.8	6.02	3.03	1.00	1.88
1-1/4"	2.68	3.15	6.73	3.03	1.25	2.50
1-1/2"	2.84	3.47	7.84	3.27	1.50	3.29
2"	3.27	4.09	9.49	4.13	2.00	5.33
2-1/2"	4.02	4.72	11.18	4.41	2.5	9.38
3"	4.57	5.35	12.91	5.2	3	13.75



**T-417**  
Cut Away