

SUBMITTAL SHEET

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

BRONZE NON-RISING STEM GATE VALVE

T-415

All Bronze body
Inserted bonnet
Solid wedge
Integral seat

Class 125, 200 CWP



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

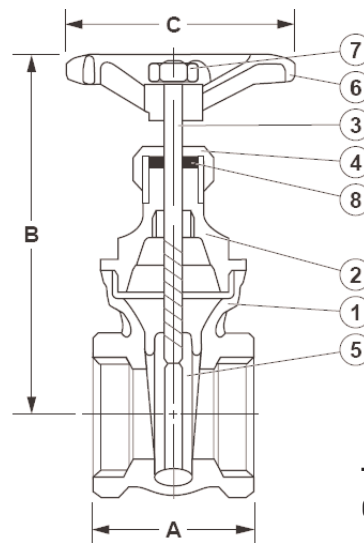
Test Pressure (PSI)
Shell (Water) Seat (Air)

MATERIAL SPECIFICATION

PART	MATERIAL	
1 Body	Cast bronze	ASTM B584 UNS C83600
2 Bonnet	Cast bronze	ASTM B584 UNS C83600
3 Stem	Brass	ASTM B16 UNS C36000
4 Packing Nut	1/4" - 1" Brass / 1-1/4" - 4" Cast brass (1/4" - 1") ASTM B16 UNS C36000 (1-1/4" - 4") ASTM B584 UNS C85700	
5 Disc wedge	Cast bronze	ASTM B584 UNS C83600
6 Handwheel	Cast iron	ASTM A48
7 Handwheel nut	Steel	AISI 1010
8 Stem packing	Graphite	Commercial grade

DIMENSIONS – WEIGHTS

Size	L (IPS)	H	D	Wt (IPS)
1/4"	1.58	3.03	2.38	0.6
3/8"	1.61	3.03	2.38	0.67
1/2"	1.69	2.84	2.38	0.72
3/4"	1.85	3.31	2.80	0.93
1"	2.13	3.86	2.94	1.43
1-1/4"	2.4	4.57	3.38	2.02
1-1/2"	2.44	4.93	3.75	2.47
2"	2.54	6.03	4.13	3.85
2-1/2"	3.51	7.33	4.75	7
3"	3.98	8.57	6.13	10.13
4"	4.57	10.17	6.13	17



T-415
Cut Away