LEGEND VALVE

SUBMITTAL SHEET

JOB NAME _____ ITEM TAG _____

JOB LOCATION _____ PART NUMBER _____

CONTRACTOR _____ DATE _____

ENGINEER APPROVAL _____ DATE _____

BRONZE NON-RISING STEM GATE VALVE

T/S-415



Ideal for commercial or industrial water or steam applications.

Durable, all-bronze body construction resists pipeline stresses and distortion.

Non-rising stem design with oversized packing, is compact and reliable.

The gland follower stem seal design lasts longer than traditional packing-nut designs, by isolating the packing nut's rotational movement from the packing's compression seal.

Screwed-in bonnet is close-tolerance machined to seal correctly, even during internal pressure and temperature variations.

Integral seats are precision-ground to match each fully-guided disc-wedge, enhancing the drip-tight seal.

Heavy-duty, open-spoke cast iron handwheel dissipates heat quickly, minimizing the possibility of burn injury to the operator.

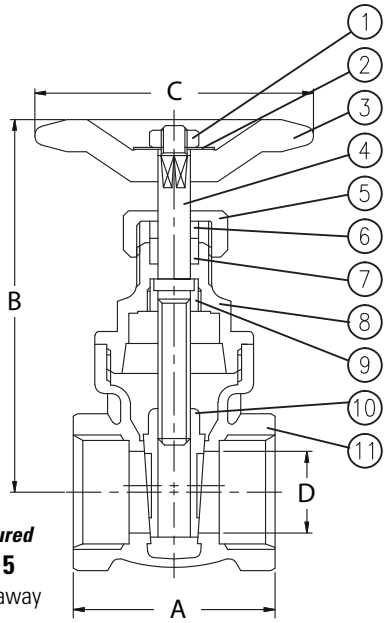
A full-flow waterway reduces pressure drop and flow turbulence.

Available in FNPT nominal sizes 1/4" to 4" and CTS sweat nominal sizes 1/2" to 4"

- Class 125
- 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

Working Pressure, Non-Shock (psi)
Cold working pressure (CWP): 200

Saturated Steam (WSP): 125



Pictured
T-415
Cut-away

MATERIAL SPECIFICATION

PART	MATERIAL	SPECIFICATION
1 Handwheel nut	Steel	AISI 1010
2 Identification disc	Aluminum	ASTM B209-1100
3 Handwheel	Cast iron	ASTM A48 Class 35
4 Stem	Brass	ASTM B16 UNS C36000
5 Packing Nut	1/4" to 1" : Brass 1-1/4" to 4" Cast bronze	ASTM B16 UNS C36000 ASTM B584 UNS C85700
6 Packing gland	Brass	ASTM B16 UNS C36000
7 Stem packing	NBR (Buna-N) rubber	Grade N81U
8 Bonnet	Cast bronze	ASTM B584 UNS C83600
9 Locknut	Brass	ASTM B16 UNS C36000
10 Disc wedge	Cast bronze	ASTM B584 UNS C83600
11 Body	Cast bronze	ASTM B584 UNS C83600

DIMENSIONS – WEIGHTS

Size	A (IPS)	A (CxC)	B	C	D	Wt (IPS)
1/4"	1.58	n/a	2.73	2.16	0.422	0.60
3/8"	1.61	n/a	2.80	2.16	0.422	0.67
1/2"	1.69	1.77	2.84	2.56	0.50	0.72
3/4"	1.85	2.33	3.31	2.56	0.75	0.93
1"	2.13	2.76	3.86	2.76	0.94	1.43
1-1/4"	2.40	2.88	4.57	3.27	1.25	2.02
1-1/2"	2.44	3.19	4.93	3.27	1.48	2.47
2"	2.54	3.90	6.03	3.62	1.94	3.85
2-1/2"	3.51	4.56	7.33	4.41	2.48	7.00
3"	3.98	5.21	8.57	5.00	2.95	10.13
4"	4.57	6.51	10.17	5.91	3.62	17.00