

## SUBMITTAL SHEET

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

# LEAD FREE COMPACT PATTERN BRASS NON-RISING STEM GATE VALVE

## T/S-400 No Lead

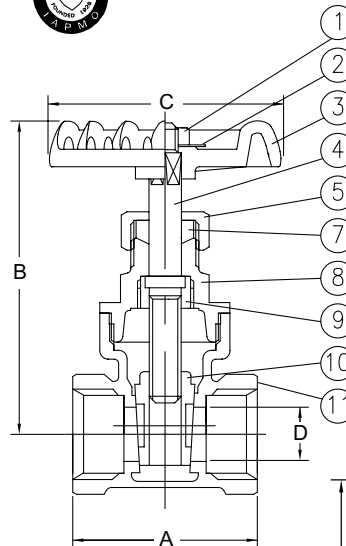
Durable, all-brass body construction  
 Non-rising stem design is compact and reliable  
 Solid, fully-guided disc-wedge  
 Integral seats are precision-ground to match each disc-wedge

**Working Pressure, Non-Shock (PSI)**  
 Cold Water, Oil, Gas: 200 CWP  
 Saturated Steam: Not suitable for steam service

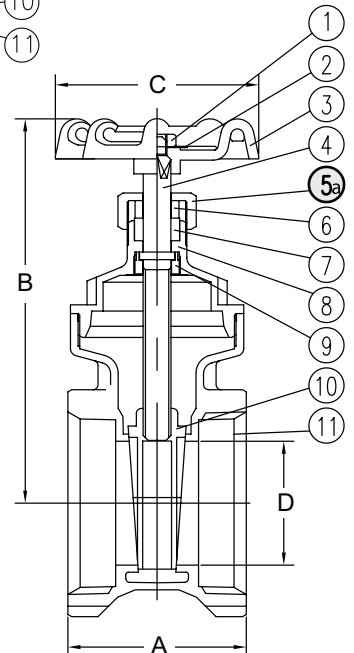
- Complies with California and Vermont no-lead requirements: IAPMO file number 6372
- UPC/IAPMO certified to ANSI/NSF Standard 61 Annex G
- End connections comply with ANSI / ASME B1.20.1 and ASME B16.18
- Manufactured in an ISO accredited facility



| MATERIAL SPECIFICATION   |                                   |                                  |  |
|--------------------------|-----------------------------------|----------------------------------|--|
| PART                     | MATERIAL                          | SPECIFICATION                    |  |
| 1 Handwheel nut          | Cadmium plated steel              | AISI 1010                        |  |
| 2 Identification disc    | Aluminum                          | ASTM B209-1100                   |  |
| 3 Handwheel              | Cast iron                         | ASTM A48 Class 35                |  |
| 4 Stem                   | Lead-free forged brass            | Lead-free bismuth/boride alloy   |  |
| 5 Packing nut            | Brass (1/2" to 1-1/4")            | ASTM B16 UNS C36000              |  |
| <b>5a Packing nut</b>    | <b>Cast brass (1-1/2" and 2")</b> | <b>ASTM B584 UNS C85700</b>      |  |
| 6 Packing gland follower | Brass                             | ASTM B16 UNS C36000              |  |
| 7 Stem packing           | NBR (Buna-N) rubber               | Commercial grade                 |  |
| 8 Bonnet                 | Lead-free cast brass              | Lead-free bismuth / boride alloy |  |
| 9 Stem locknut           | Lead-free forged brass            | Lead-free bismuth/boride alloy   |  |
| 10 Disc wedge            | Lead-free cast brass              | Lead-free bismuth/boride alloy   |  |
| 11 Body                  | Lead-free cast brass              | Lead-free bismuth/boride alloy   |  |



**Pictured T-400 No Lead**  
Cut-away view  
Sizes 1/2" to 1-1/4"



**Pictured T-400 No Lead**  
Cut-away view  
Sizes 1-1/2" and 2"

| DIMENSIONS |         |         |      |      |      |              |              |  |
|------------|---------|---------|------|------|------|--------------|--------------|--|
| Size       | A (IPS) | A (Swt) | B    | C    | D    | Wt (lb.) IPS | Wt (lb.) Swt |  |
| 1/2"       | 1.54    | 1.61    | 2.72 | 2.13 | 0.47 | 0.539        | 0.488        |  |
| 3/4"       | 1.71    | 2.11    | 2.84 | 2.13 | 0.57 | 0.541        | 0.592        |  |
| 1"         | 1.85    | 2.48    | 3.31 | 2.13 | 0.75 | 0.863        | 0.827        |  |
| 1-1/4"     | 2.09    | 2.64    | 3.86 | 2.40 | 0.95 | 1.284        | 1.143        |  |
| 1-1/2"     | 2.24    | 2.95    | 4.57 | 3.03 | 1.25 | 1.877        | 1.458        |  |
| 2"         | 2.40    | 3.50    | 4.92 | 3.03 | 1.48 | 2.919        | 2.332        |  |