

## Application

WILKINS Model 850XL Full Port Bronze Ball Valves are recommended for residential, commercial and industrial applications where Lead Free\* valves are required. Ideal for throttling and balancing installations of low pressure steam, air, water and non-corrosive gas or oil.



## Standards Compliance

- Certified to NSF/ANSI/CAN 372\* by IAPMO R&T
- \*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

## Features

|                             |                                          |
|-----------------------------|------------------------------------------|
| Sizes                       | 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" |
| Pressure rating             | 400 psi WOG                              |
| Temperature rating          | 33°F to 350°F @50 psi                    |
| Threaded connections (FNPT) | ANSI B1.20.1                             |



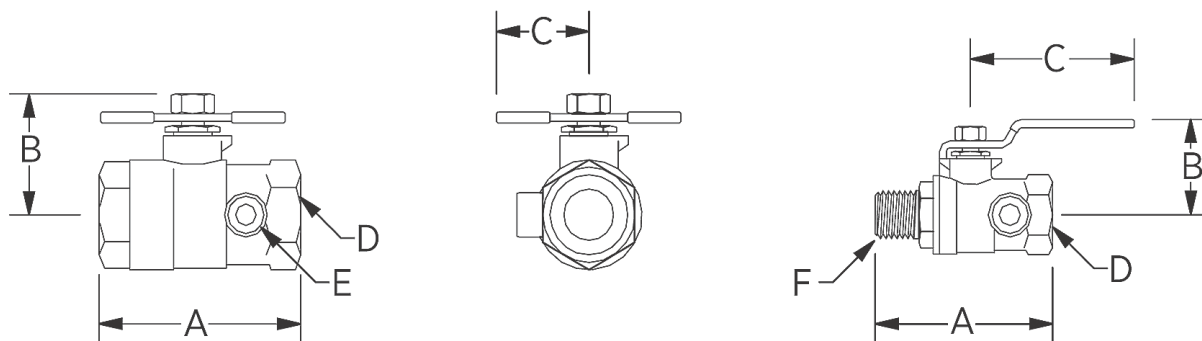
1 1/4" 850XL

## Materials

|                 |                              |
|-----------------|------------------------------|
| Main Valve Body | Low Lead Bronze ASTM B584    |
| Ball            | Chrome-plated Low Lead brass |
| Handle          | Stainless Steel              |
| Handle nut      | Stainless Steel              |
| Seats           | TFE virgin teflon            |
| Stem Packing    | TFE virgin teflon            |
| Stems           | Brass ASTM B16               |
| Thrust Washer   | TFE virgin Teflon®           |

## Options (Suffixes can be combined)

|                                                                                 |                                                  |
|---------------------------------------------------------------------------------|--------------------------------------------------|
| <span style="background-color: #4f81bd; color: white; padding: 0 5px;"> </span> | FNPT x FNPT connections, (3/8" - 2")             |
| <span style="background-color: #4f81bd; color: white; padding: 0 5px;">M</span> | MNPT X FNPT connections (3/8" - 1/2")            |
| <span style="background-color: #4f81bd; color: white; padding: 0 5px;">T</span> | Tapped (FNPT X FNPT)                             |
| <span style="background-color: #4f81bd; color: white; padding: 0 5px;">U</span> | With single union body (FNPT x FNPT) (3/4" - 2") |



## Dimensions & Weights (do not include pkg.)

| SIZE  | DIMENSIONS (approximate) |     |        |              |     |        |         |     |         |       |    |       |     |              |        |        |        |     |  |
|-------|--------------------------|-----|--------|--------------|-----|--------|---------|-----|---------|-------|----|-------|-----|--------------|--------|--------|--------|-----|--|
|       | MODEL 850XL              |     |        | MODEL 850UXL |     |        | 850MXL  |     |         | B     |    | C     |     | D            | E      | F      | WEIGHT |     |  |
|       | A                        |     | A      | A            |     | A      | A       |     | A       | B     |    | C     |     | THREAD       | TAP    | THREAD |        |     |  |
|       | in.                      | mm  | TAPPED | in.          | mm  | TAPPED | in.     | mm  | TAPPED  | in.   | mm | in.   | mm  | FNPT         | SIZE   | MNPT   | lbs.   | kg. |  |
| 3/8   | 17/8                     | 48  | 2 7/16 | N/A          | N/A | N/A    | 2 1/8   | 54  | 2 1/4   | 1 1/4 | 32 | 1 1/2 | 38  | 3/8-18       | 1/8-27 | 3/8-18 | 1      | 0.5 |  |
| 1/2   | 2 1/4                    | 57  | 2 1/2  | N/A          | N/A | N/A    | 2 11/16 | 68  | 2 13/16 | 1 7/8 | 48 | 2 3/4 | 70  | 1/2-14       | 1/8-27 | 1/2-14 | 1      | 0.5 |  |
| 3/4   | 2 1/2                    | 64  | 2 3/4  | 3 5/16       | 84  | 3 5/8  | N/A     | N/A | N/A     | 1 3/4 | 45 | 1 5/8 | 41  | 3/4-14       | 1/8-27 | N/A    | 1      | 0.5 |  |
| 1     | 2 3/4                    | 70  | 3      | 3 7/8        | 94  | 4 1/8  | N/A     | N/A | N/A     | 2     | 51 | 1 5/8 | 41  | 1-11 1/2     | 1/8-27 | N/A    | 2      | 1   |  |
| 1 1/4 | 3 5/16                   | 84  | 3 5/8  | 4 1/4        | 108 | 4 1/2  | N/A     | N/A | N/A     | 2 5/8 | 67 | 3 1/2 | 89  | 1 1/4-11 1/2 | 1/4-18 | N/A    | 3      | 1.4 |  |
| 1 1/2 | 3 3/4                    | 95  | 3 7/8  | 4 7/8        | 124 | 5 1/4  | N/A     | N/A | N/A     | 2 7/8 | 73 | 4 3/4 | 121 | 1 1/2-11 1/2 | 1/4-18 | N/A    | 3      | 1.4 |  |
| 2     | 4 1/2                    | 114 | 4 5/8  | 5 5/16       | 135 | 5 5/8  | N/A     | N/A | N/A     | 3 7/8 | 98 | 4 3/4 | 121 | 2-11 1/2     | 1/4-18 | N/A    | 6      | 2.7 |  |

Design and dimensional data (inches and [mm]) are subject to manufacturing tolerances and change without notice.