

# 0827C SERIES FORGED BRASS BALL VALVE (CxC)

## SPECIFICATION:

- Solder ends comply with ANSI B16.18
- 1/2" thru 2" rated 600 PSI CWP, 2-1/2" thru 4" rated 400 PSI CWP
- CWP - Cold Working Pressure, is an indication of the pressure rating for valves at a temperature range of up to +100°F (37°C)
- Maximum working pressure: 600PSI
- Working Temperature: -20°F to 300°F (-28°C to 148°C)
- Forged brass body
- Blow-out proof stem
- Solid Stainless Steel Ball - sizes 1/2" through 1"
- Hollow Stainless Steel Ball - sizes 1-1/4" through 4"
- Zinc plated steel handle with yellow plastic sleeve



## CERTIFICATION:

- cUPC Standard IGC 157 Certified: 1/2" to 2" CxC
- UL listed to the following standards, 1/2" to 2" CxC
  - UL 1477 (YQNZ): Compressed gas shutoff valves - 600 PSI (1/2" to 1") 300 PSI (1-1/4" to 2")
  - UL 842 (YRBX): Flammable liquid shutoff valves - 600 PSI (1/2" to 1") 300 PSI (1-1/4" to 2")
  - UL 842 (YRPV): Gas shutoff valves - 600 PSI (1/2" to 1") 300 PSI (1-1/4" to 2")
  - UL 842 (MHKZ): Manual valves - 600 PSI (1/2" to 1") 300 PSI (1-1/4" to 2")
  - UL 125 (YSDT): LP-Gas shutoff valves - 600 PSI (1/2" to 1") 300 PSI (1-1/4" to 2")
- FM Standard 1140 Certified: 1/2" to 2" CxC
- CRN Registered

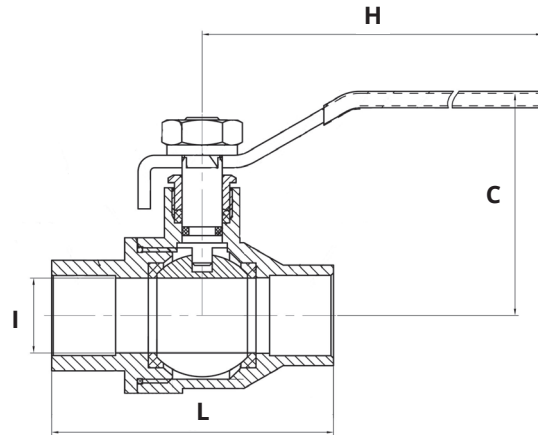
| MATERIAL LIST |                               |
|---------------|-------------------------------|
| Part Name     | Material                      |
| Body          | Brass                         |
| Seat          | PTFE                          |
| Ball          | Stainless Steel               |
| O-Ring        | NBR Rubber                    |
| Packing Nut   | Brass                         |
| Stem          | Brass (1/2" - 2")             |
|               | Stainless Steel (2-1/2" - 4") |
| Handle Nut    | Plated Steel                  |
| Lock Washer   | Plated Steel                  |
| Packing       | PTFE                          |
| Handle        | Plated Steel                  |
| Cap           | Brass                         |
| O-Ring        | Viton Rubber                  |

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| DIMENSIONS |             |        |       |        |        |        |        |        |        |        |
|------------|-------------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| Part No.   | Description | I      |       | L      |        | H      |        | C      |        | Weight |
|            |             | inches | mm    | inches | mm     | inches | mm     | inches | mm     | grams  |
| 0827C-05   | 1/2" CxC    | 0.59   | 15.00 | 2.17   | 55.00  | 3.46   | 88.00  | 1.81   | 46.00  | 184    |
| 0827C-07   | 3/4" CxC    | 0.75   | 19.00 | 2.81   | 71.50  | 4.29   | 109.00 | 2.09   | 53.20  | 306    |
| 0827C-10   | 1" CxC      | 0.98   | 25.00 | 3.34   | 84.80  | 4.29   | 109.00 | 2.25   | 57.20  | 464    |
| 0827C-12   | 1-1/4" CxC  | 1.26   | 32.00 | 3.91   | 99.40  | 5.63   | 143.00 | 2.53   | 64.20  | 717    |
| 0827C-15   | 1-1/2" CxC  | 1.57   | 40.00 | 4.46   | 113.40 | 5.63   | 143.00 | 2.74   | 69.70  | 1071   |
| 0827C-20   | 2" CxC      | 1.94   | 49.30 | 5.45   | 138.50 | 5.63   | 143.00 | 3.04   | 77.20  | 1618   |
| 0827C-25   | 2-1/2" CxC  | 2.56   | 65.00 | 5.22   | 132.60 | 9.45   | 240.00 | 4.72   | 119.90 | 3220   |
| 0827C-30   | 3" CxC      | 2.95   | 75.00 | 5.77   | 146.60 | 9.45   | 240.00 | 5.32   | 135.10 | 3990   |
| 0827C-40   | 4" CxC      | 3.90   | 99.00 | 7.38   | 187.50 | 9.53   | 242.10 | 5.70   | 144.80 | 8018   |

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