

Series B6000, B6001 and LFB6000, LFB6001

2-Piece, Standard Port, Bronze Ball Valves

Sizes: 1/4" – 4" (8 – 100mm)

Series B6000, B6001 and Lead Free* Series LFB600 and LFB6001 2-Piece, Standard Port, Bronze Ball Valves feature a blowout proof pressure retaining stem. The B6000, B6001 LFB6000 and LFB6001 standard port orifice ensures minimal pressure drop, while Durafill® and Uniseal® seats and chrome plated brass ball provide lasting service for a wide range of liquids and gases. Lead Free* models are manufactured using Lead Free* brass

Features

- Lead Free* models are available
- Durafill® (carbon/glass filled PTFE) seats for sizes 1/4" – 1/2" (8 – 15mm) and 1 1/4" – 4" (32 – 100mm) and Uniseal® (enhanced PTFE) seats for sizes 3/4" & 1" (20 & 25mm) for lasting service for a wide range of liquids and gases
- Chrome plated brass ball is wiped clean during each operation of the valve
- Minimal pressure drop due to large ports
- Blowout proof, pressure retaining stem
- High cycle life reinforced PTFE stem packing seal and thrust washer
- Vinyl insulator on heavy duty, zinc-plated, carbon steel handles
- Low operating torque
- Adjustable stem packing gland
- Each valve factory tested

Models

- B6000 1/4" – 4" (8 – 100mm) threaded NPT end connections
 LFB6000 1/4" – 4" (8 – 100mm) threaded NPT end connections (Lead Free*)
 B6001 3/8" – 3" (10 – 80mm) solder end connections
 LFB6001 3/8" – 3" (10 – 80mm) solder end connections (Lead Free*)

Options

Suffix

- | | | | |
|--------|--|------|---|
| 01/VT- | Virgin Teflon® seat material | TH- | Tee handles 1/4" – 2" (8 – 50mm) |
| CC- | 3/4" (20mm) hose thread outlet. Cap & chain has hose thread outlet. Inlet sizes: 1/2" and 3/4" (15-20mm) NPT. Also 1/2" and 3/4" (15-20mm) solder inlet connection | SE- | Safety Exhaust |
| SS- | 316 stainless steel ball and stem | SC- | Satin chrome 1/4" – 2" (8 – 50mm) |
| LH- | Locking lever handle | Z15- | Less lever and nut |
| SH- | 304 Stainless steel handle and nut | 04- | Mineral filled PTFE seats and seals (available only with 316SS ball and stem) |
| BS- | Balance stop plate | UL- | UL approved as follows: |
| XH- | Extended lever handle | | - Flammable Liquids (YRBX) |
| GS- | Grounded stem | | - LP Gas (YSDT) |
| | | | - Compressed Gas (YQNZ) |
| | | | - Natural/Manufactured Gas (YRPV) |
| | | | - Fire Protection (HNFY) |
| | | | - For #1/#2 Fuel Oils (MHKZ) |

Pressure – Temperature

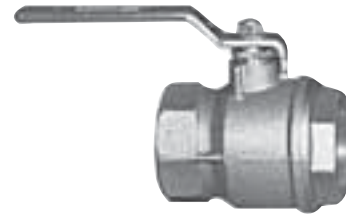
Temperature Range: 0°F – 450°F (-18°C – 232°C) @ 50psi (3.4 bar)

Maximum Working Pressure:

- 1/4" – 3" (8 – 80mm): 600psi (41 bar) WOG non-shock; 150psi (10 bar) WSP
 4" (100mm): 400psi (28 bar) WOG non-shock; 125psi (8.6 bar) WSP
 Use stainless steel trim (option SS) for steam pressures over 150psi (10 bar).

*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.

For additional information, request literature ES-B6000 or ES-LFB6000



B6000



B6001

Materials

- | | |
|------------------------|--|
| A Handle Nut | Zinc Plated Carbon Steel |
| B Handle | Zinc Plated Carbon Steel with Vinyl Insulator |
| C Packing Nut | Brass ASTM B16, C36000 |
| D Stem Packing | Glass Reinforced PTFE |
| E Thrust Washer | Glass Reinforced PTFE |
| F Stem | Brass ASTM B16, C36000
LF models - Lead Free* brass |
| G Body | Cast Bronze ASTM B584, C84400
LF models - Lead Free* brass |
| H Seats | Durafill® (1/4" – 1/2" & 1 1/4" – 4"); Uniseal® (3/4" & 1") |
| I Ball | Chrome Plated Brass ASTM B16, C36000
LF models - Chrome Plated Lead Free* brass |
| J Adapter | Brass ASTM B16, C36000
LF models - Lead Free* brass |
| K Body Seals | PTFE (1 1/4" – 4" only) - Not shown |

