

For PEX Piping Systems

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series WPBV

2-Piece, Full Port, Brass Ball Valves with PEX Ends

Sizes: ½" - 1" (15 - 25mm)

Series WPBV 2-Piece, Full Port, Brass Ball Valve with PEX Ends are designed for use in PEX piping systems. They feature brass PEX end tailpieces designed for easy crimping into a PEX piping system.

Features

- 2-piece, full port design
- Forged brass body
- PEX end designed to ASTM F-1807
- Valve rated to 400 WOG
- Crimp connection rated to 160psi at 73°F (23°C)
- Designed specifically for use in PEX piping systems

Specification

Approved valve to be 2-piece, full port, forged brass body, chrome plated brass ball, virgin PTFE seats and stem packing, and Viton® stem O-ring. Ball valve rated to 400 WOG and PEX end must comply with ASTM F-1807 standard. Crimp joint rated at 160psi at 73°F (23°C). Valve shall be Watts Series WPBV.

Pressure-Temperature

Ball Valve Rating: 400 WOG

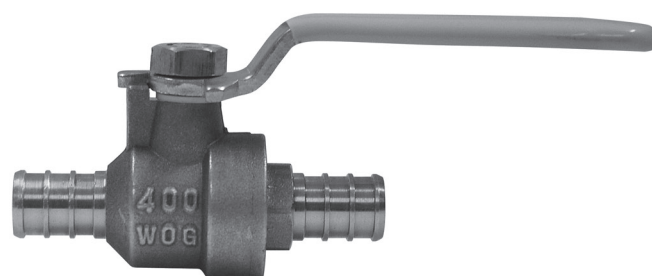
Crimp Connection Rating: 160psi at 73°F (23°C) (refer to PEX piping manufacturers guidelines)

Materials

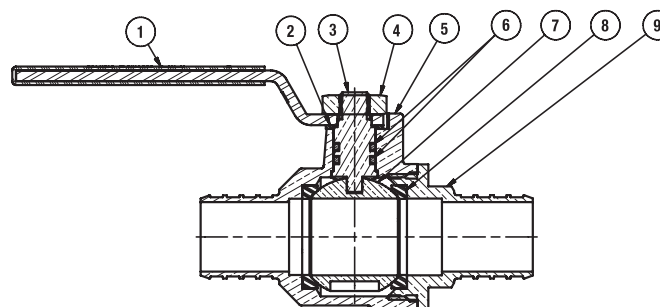
| ITEM | QTY | DESCRIPTION | MATERIAL |
|------|-----|--------------|--|
| 1 | 1 | Handle | Zinc-plated Steel w/Vinyl Handle Insulator |
| 2 | 1 | Stem Packing | Virgin Teflon® (PTFE) |
| 3 | 1 | Stem | Forging Brass, CW614 N |
| 4 | 1 | Handle Nut | Brass, CW 614N |
| 5 | 1 | Body | Forging Brass, CW614 N |
| 6 | 2 | Stem O-ring | Viton® |
| 7 | 1 | Ball | Chrome-Plated Forging Brass |
| 8 | 2 | Seat | Virgin Teflon® (PTFE) |
| 9 | 1 | Adapter | Forging Brass, CW614 N |

Viton® is a registered trademark of DuPont Dow Elastomers.

Teflon® is a registered trademark of E.I. Dupont de Nemours & Company



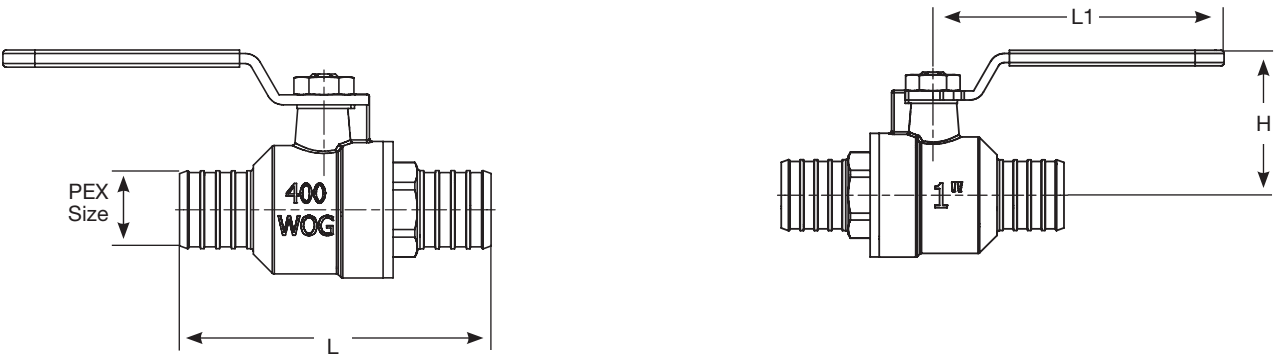
WPBV



WATTS®

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Dimensions – Weights



| SIZE (DN) | | DIMENSIONS | | | | WEIGHT | | | |
|------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------------------|-----------|-------------|-------------|
| <i>in.</i> | <i>mm</i> | <i>in.</i> ^H | <i>mm</i> | <i>in.</i> ^L | <i>mm</i> | <i>in.</i> ^{L₁} | <i>mm</i> | <i>lbs.</i> | <i>kgs.</i> |
| ½ | 15 | 1⅜ | 35 | 2⅞ | 65 | 3 | 76 | 0.3 | 0.12 |
| ¾ | 20 | 1½ | 38 | 2¾ | 70 | 3 | 76 | 0.4 | 0.18 |
| 1 | 25 | 1¾ | 45 | 3⅞ | 87 | 3⅝ | 91 | 0.6 | 0.29 |