

## For PEX Piping Systems

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# Series FBV-PEX-DE

## 2-Piece, Full Port, Brass Valves with PEX Ends and Dog-Ears

Sizes: ½" – 1" (15 – 25mm)

Series FBV-PEX-DE ball valves feature brass PEX end tailpieces for easy crimping into PEX piping systems. Dog-ears provide rigid support for the ball valve when attached to a suitable mounting surface.

### Features

- 2-piece, full port design
- Forged brass body
- PEX end designed to ASTM F-1807
- Dog-ears for support when mounted on suitable surface
- Crimp connection rated to 160psi (11 bar) at 73°F (23°C)
- Valve rated to 400 WOG (27 bar)

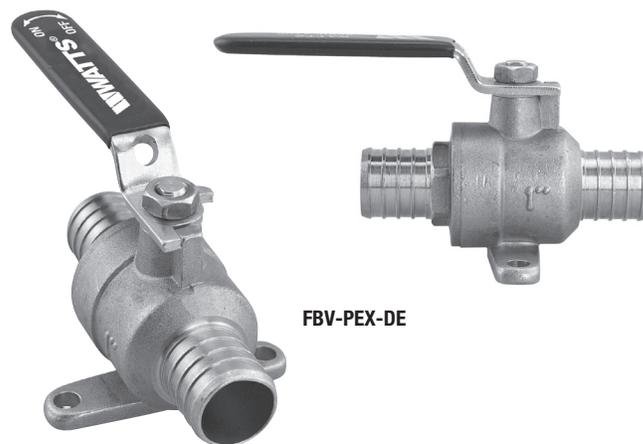
### Specification

Approved valve to be 2-piece, full port, forged brass body, chrome-plated brass ball, virgin PTFE seats and thrust washer, with NBR stem O-rings. Ball valve rated to 400 WOG (27 bar) with PEX end complying to ASTM F-1807 standard. Crimp joint rated at 160psi at 73°F (23°C). Valve shall be Watts Regulator Company Series FBV-PEX-DE.

### Pressure – Temperature

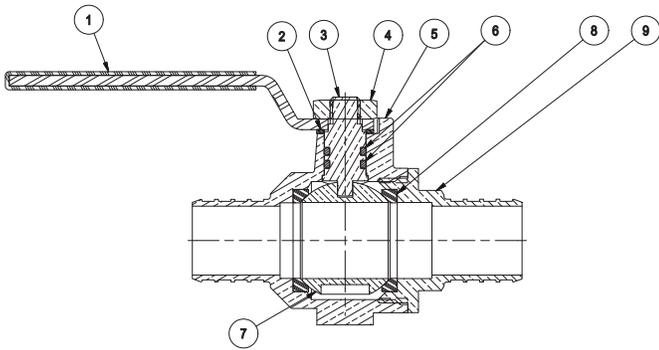
Ball valve rating: 400 WOG

Crimp connection rating: 160psi (11 bar) at 73°F (23°C) (Refer to the PEX piping manufacturer's guidelines.)



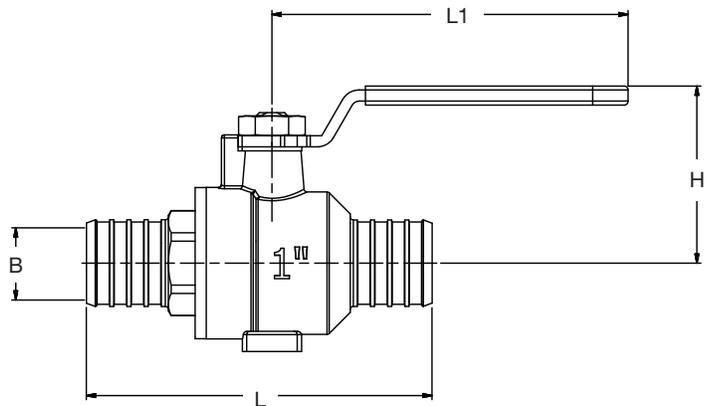
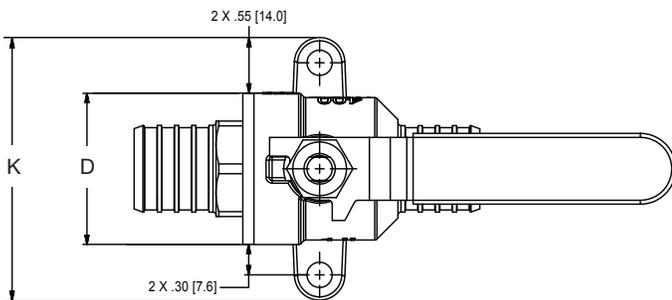
FBV-PEX-DE

## Materials



Item	Qty	Description	Material
1	1	Handle	Zinc-plated Steel w/Vinyl Handle Insulator
2	1	Thrust Washer	PTFE
3	1	Stem	Forged Brass, CW614N
4	1	Handle Nut	Forged Brass, CW614N
5	1	Body	Forged Brass, UNS C37700
6	2	Stem O-Ring	NBR
7	1	Ball	Chrome-Plated Forged Brass, CW614N
8	2	Seat	PTFE
9	1	Adapter	Forged Brass, UNS C37700

## Dimensions – Weights



SIZE (DN)		DIMENSIONS												
PEX Size	B		D.		H		K		L		L1		WEIGHT	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kg
1/2"	3/8	9.0	1	25.4	1 3/8	35.1	2 1/8	53.3	2 9/16	64.8	3.0	76.2	0.3	0.1
3/4"	9/16	13.6	1 1/4	32.0	1 1/2	38.1	2 5/16	58.4	2 1/2	70.4	3.0	76.2	0.4	0.2
1"	1 1/16	18.2	1 1/2	38.1	1 1/2	44.5	2 1/2	63.5	3 7/16	86.9	3.6	91.4	0.6	0.3



Water Safety & Flow Control Products



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Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca