The Model 7600/7660 assembly is installed in a dewatered pipe from the inside out. Installation is performed by accurately determining transducer locations, drilling holes in the pipe for penetration of the feedthroughs, and measuring the as-built transducer locations. The feedthrough assembly is sealed on the pipe using an O-ring inner seal and an outer packing. No welding is required.

A special version of the 7600/7660 is available for installation on pipes where inside access is not available. With this special unit, the feedthrough section is welded directly to the pipe.

A Model 7661 Jacking Mechanism is used for removal or insertion of the 7600 transducer under pressurized conditions.
HARDWARE

**DESIGN SPECIFICATIONS**

- **Operational Frequency:** 1 MHz
- **Pipe Diameter:** 3 ft. - 24 ft. (0.9 m - 7.50 m)
- **Maximum Service Pressure:** 1500 psi (103 bar)
- **Temperature Limits:**
  - Operating: 32 to 122 F (0 to 50 C)
  - Storage: 14 to 122 F (-10 to 50 C)
- **Construction Material:** 316 SS

**DIMENSIONAL DATA**

- **Feedthrough Diameter:** 1.50 in. (38mm)
- **Maximum Pipe Wall Thickness:** 2.375 in. (60mm)
- **Clearance Required for Transducer Removal/Replacement:**
  - 36 in. (915 mm) radial clearance from outer wall

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