



## World Class Clampseal® Piston Check Valves

- *Exclusive Pressure Seal Bonnet*
- *Easy In-line Maintenance*
- *Lightest Weight in Class*
- *Highest Strength to Meet Code*



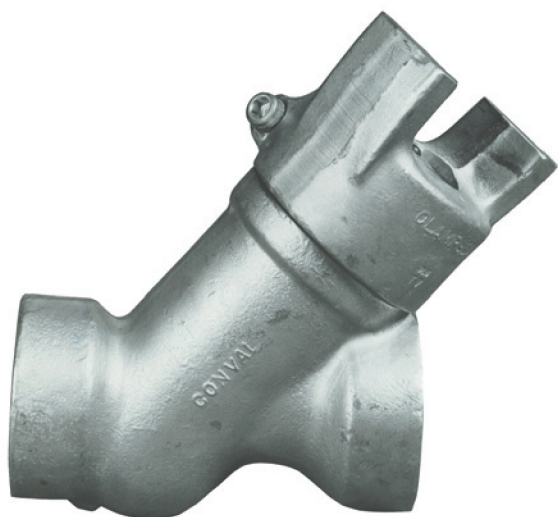
# **FLOSOURCE**

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**800-752-5959**

**[sales@flosource.com](mailto:sales@flosource.com)**

**Conval Clampseal® Check Valves are designed for demanding high-pressure applications where light weight and compact size are required.**



**STANDARD SIZES**

1/2" through 3"  
Y, T, angle pattern  
Stop Check Optional  
SW, BW, FNPT (to 1"). Grayloc or Flanged

**PRESSURE RATING**

ASME 900 through 3500

**STANDARD MATERIALS**

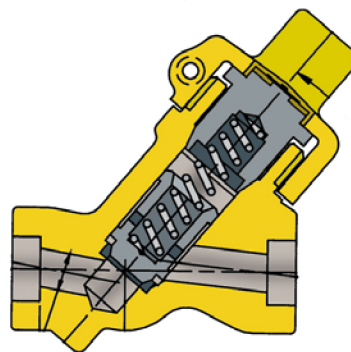
A105, F22, F316, 316L  
Monel™ 400, Inconel™ 600, optional

**DESIGN FEATURES**

Clampseal Check Valves feature the exclusive pressure seal bonnet which permits ready access for maintenance, while ensuring a positive pressure-actuated body to bonnet seal under all operating conditions.

The valve is comprised of five assemblies, with the piston and spring being the only moving parts. The piston utilizes two guide rings, and the spring is Inconel X for smooth operation in any position at temperatures up to 1000°F.

The reliability of the Clampseal Check Valve is enhanced by use of the electron beam process for welding the cast stellite seat into the body. By using the inline maintenance tools available, long valve life can be assured.



*ISO 9001 certified since  
September 11, 1992*

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Conval's policy is one of continuous development and improvement. Every effort is made to produce up-to-date literature but this catalog should not be regarded as an infallible guide to current specifications and does not form part of any contract. Conval reserves the right to make product improvements and changes without prior notice.

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