World Class Clampseal® Swivldisc Gate Valves

- Swivldisc Wedge Gate
- Pressure Seat Bonnet
- In-line Repairable
- High-performance Graphite Packing
Conval Clampseal® Swivldisc Gate Valves are designed for the world’s most demanding high-pressure, high-temperature applications.

**STANDARD SIZES**
1/2” through 4”

**PRESSURE RATING**
ASME Class 1500 and 2500

**STANDARD MATERIALS**
Carbon Steel 216 GR WCB
Other materials available upon request

**STANDARD ACCESSORIES**
Bypass
Actuators - Air or Motor

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**DESIGN FEATURES**

**Swivldisc Wedge Gate Design**
The Conval Swivldisc wedge gate design employs a flexible disc which permits the seating surfaces to achieve perfect alignment, establishing a tight seal not possible with standard wedge gates.

**Pressure Seal Bonnet**
The simple and effective pressure seal bonnet provides ready access for servicing with no welds to cut or seal rings or gaskets to replace. The body-to-bonnet joint integrity is maintained through countless thermal cycles.

**High-performance Graphite Packing**
The packing system delivers the best performance available. The one-piece gland with integral gland wrench is readily adjustable at any time. The fine finish of the stem and chamber combines with high-performance graphite packing to ensure long packing service life.

**In-line Servicing**
With the Conval Swivldisc gate valve, repacking can be accomplished by swapping the bonnet-chamber with the fresh pre-packed unit.

**Two-Year Warranty**
Conval is committed to unsurpassed quality. We are so confident of the quality of our product, that we offer a two-year warranty.

Clampseal® SwivlDisc Gate Valves is a registered trademark of Conval, Inc.
The Conval Story

In 1962, Mr. Chester Siver completed designs for a revolutionary line of high-pressure, forged steel valves. Hamilton Standard (now Hamilton Sundstrand), a division of United Technologies Corporation, was asked to use their then-new Electron Beam Welding technology for joining of parts into valves for subassemblies. Hamilton Standard became intrigued with the valve as an ideal application of the Electron Beam Welding technique, and negotiated a contract for the rights to manufacture and sell the valve. Mr. Siver served as manager of the valve project.

The first CLAMPSEAL® valves were introduced to the market by Hamilton Standard in 1964. However, in the mid-1960’s, growing demand for the firm’s popular aerospace products forced Hamilton Standard to make the decision to abandon its industrial products projects. The rights to the CLAMPSEAL valve reverted back to Mr. Siver. Since CLAMPSEAL valves were born in Connecticut, Mr. Siver founded “Conval” (short for Connecticut Valve) in 1967. Today, the valves are still manufactured in Connecticut, a state with a longstanding reputation for technological innovation and manufacturing excellence.

Founded in 1967, Conval has grown into a leader in valves for the world’s most demanding applications. We have a global team of experts to help to meet your most challenging needs. We invite you to contact us today.

High-pressure, high-temperature ball, bellows, bonnetless, check, gate, globe, throttling, and urea service valves for the world’s most demanding applications.

Thank you for your business!
ISO 9001 certified since 1992
PED certified since 2003
Nuclear N-stamp since 2006

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.