



## World Class Clampseal® Blowdown Valves

- *One-piece Gland*
- *In-line Servicing*
- *Easy-to-use Spinner Handle*



# Conval Clampseal® Blowdown Service Valves provide necessary control for continuous boiler or turbine blowdown and bottom blow-off service.



## DESIGN FEATURES

### *In-line Serviceability*

Conval continuous and tandem blowdown valves are fully serviceable in-line using standard Conval tools.

### *Uniform Single-piece Gland*

Proven, corrosion-inhibited, high-density graphite packing is loaded uniformly with a one-piece gland. This eliminates the potential for stem damage or packing leaks from gland cocking.

### *Cartridge-type Packing Chamber*

With pressure-assisted bonnet seal, the chamber allows rapid access to valve trim for inspection and maintenance. Pressure boundary is sealed at the smallest diameter possible, to ensure maximum strength and low stress.

### *Pressure Seal Backseat*

The pressure seal backseat provides maximum valve integrity by ensuring a positive internal stop for the valve stem and disc assembly. It also securely isolates packing from line pressure when valve is fully open, to increase packing life.

## **STANDARD SIZES**

Continuous: 3/4" through 3" SW and BW  
Venturi tube orifice size 1/8" thru 5/8"  
Tandem: 1" thru 3" SW, BW or Flanged

## **PRESSURE RATING**

Continuous: ASME/ANSI Class 900 through 4500  
Tandem: ASME/ANSI Class 900 through 4500

## **STANDARD MATERIALS**

Continuous: Low Alloy SA 182-F22 and F91  
Tandem: Carbon Steel A105, Low Alloy F22 or F91  
Other materials available upon request.

## **How to Order**

For continuous blowdown service, use "N" in the Valve Design modifier and "J" in the Special Feature modifier of the figure number (for example, 1" 13N2J-F22). Indicate orifice size or inlet pressure and required maximum flow.

For tandem blowdown service, use "B" in the Valve Design modifier and "HJ" in the Special Feature modifier of the figure number (for example, 1" 12B2HJ-F22). Indicate right or left hand assembly.

*ISO 9001 certified since 1992*

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