In-Line Figure 800

Quick Actuating Closure



9426 - 39th Avenue, Edmonton, Alberta, Canada T6E 5T9
Phone: (780) 490-5337 Toll Free: 1-866-416-9003

In-Line™

FEATURES

Safety

Pressure Alert Fitting

- Each Closure is equipped with a Pressure Alert Fitting in accordance with ASME Section VIII Division 1 UG-35.
- Designed to alert the Operator of internal pressure prior to the operation of the Clamping Mechanism.
- The Fitting will pin the movement of the Clamping Mechanism. Only activation and removal of the Fitting will allow Closure operation.

Operation

Toggle Actuator

- Allows simple and rapid movement of the Clamp Rings, minimizing operating time.
- All operating features of the Closure are located to one side, opposite the hinge, allowing the Operator to be positioned away from the front of the door during the unlocking operation.

Clamp Ring Retainer (Patent Pending)

- Works in conjunction with the Toggle Actuator and the Pressure Alert Fitting and provides another level of redundancy to lock the Clamp Rings in position while the Closure is in the closed position.
- It serves as a backup locking mechanism in the event of a failure of the Toggle Actuator.
- Operation of the Clamp Ring Retainer is only possible after the Pressure Alert Fitting has been activated and removed.
- Key locking mechanism available as an option.

Seals

Elastomer Seals

- Each Closure is equipped with an Elastomeric Seal in the Closure Door, which is protected from damage due to the passage of tools and pigs.
- The seals sizes are industry standard and are not required to be special ordered.
- The standard elastomer material: Highly Saturated Nitrile (other elastomers available upon request).

SPECIFICATIONS

Size Range

- NPS8 to NPS24, with larger sizes upon request.

Design Specifications

- Head, Hub and Clamp Rings fully meet the requirements of ASME Section VIII Division 1.
- ASME Code Certification Mark and Designator "U" can be applied and ASME U-2A Partial Data Reports furnished, as required.

Hinge Orientation

- Primarily for horizontal pipeline applications.
- Angles and vertical orientations are available.
- Hinges are available for left or right swing.

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Class Rating
- ANSI 150 to 600

Terminations
- Weld bevel per ASME B31.3, B31.4, B31.8 and CSA Z662.

Temperature Range
- -50°F (-45°C) to +400°F (+204°C) - limits of elastomer seal.

Material
- Manufactured from ASME SA350 Grade LF2 Class 1 / ASTM A694 Grade F52 Dual Certified.
- Conforms to NACE MR-01-75 /ISO 15156.

Design Codes
- ASME Section VIII Division 1
- ASME B31.3
- ASME B31.4
- ASME B31.8
- DOT 192
- DOT 195
- CSA Z662

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