



Extended Stem Option for 360 Series Safety Ballcheck Valves

The Challenge

On standard 360 Series Safety Ballcheck Valves, the handle orientation can make it difficult to fully insulate the valve. In insulated installations, the handle may be obstructed or require cutouts in the insulation package, reducing insulation effectiveness and making valve access less convenient.

The Solution

Jerguson now offers an extended stem option for the 360 Series Safety Ballcheck Valve. By extending the stem and repositioning the handle outside the insulation envelope, users can fully insulate the valve body while maintaining clear access to the handle for operation. This concept is similar to the approach used by cryogenic ball valve manufacturers, who offer extended-stem designs to move the operator interface away from the insulated or temperature-sensitive portion of the valve.



The extended stem option for the Jerguson 360 Series Safety Ballcheck Valve gives customers a simple way to **fully insulate the valve** while preserving access to the handle. For applications where insulation and valve operability must coexist, this design offers a practical and proven solution.

Key Benefits

- Improves insulation accessibility by allowing the valve body to remain fully insulated
- Maintains operability by keeping the handle exposed and easy to manipulate
- Reduces insulation compromises such as cutouts or partial coverage around the handle
- Supports safer, cleaner installations in applications where temperature retention or personnel protection is important
- Provides a practical alternative to field workarounds that can complicate installation or maintenance

Ideal For

The extended stem option is well suited for installations where:

- Process temperature requires insulation of valves and associated instrumentation
- Operators still need reliable access to the valve handle
- Standard valve handle orientation creates interference with insulation thickness or layout
- A cleaner, more serviceable installation is preferred

Application Note

In many insulated systems, leaving part of the valve exposed just to preserve handle access can reduce the effectiveness of the insulation package. The extended stem 360 Series Safety Ballcheck Valve helps solve this issue by moving the handle outward, allowing the valve to be insulated without sacrificing usability.



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