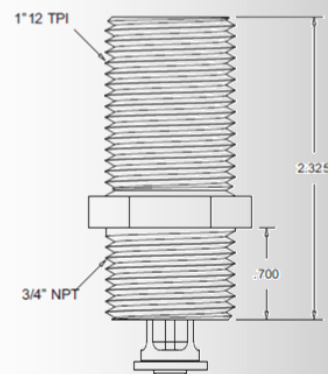
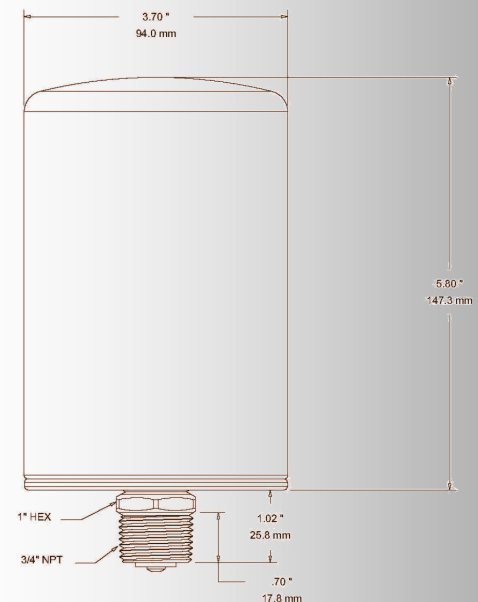


FFV150-BCKV FOR PRESSURE & PRESSURELESS APPLICATIONS

The FFV150-BCKV is a **high-flow vent valve with integrated ball check mechanism**, designed for use on tanks during fast filling operations.



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SALES@SILVERIENG.COM | 1300 766 413 | WWW.SILVERIENG.COM

The **FFV150-BCKV** is a high-flow vent valve incorporating an integrated **ball check mechanism**, specifically engineered for use in **fast filling fuel and oil transfer systems**. As part of the **Fast Fill Systems 150 Series vent range**, this unit is designed to manage tank ventilation efficiently during high-volume filling operations.

Key Function

During fast fill operations, the FFV150-BCKV allows rapid displacement of air from the tank while simultaneously preventing fuel loss and contamination ingress. The integrated ball check mechanism acts as a safeguard, automatically sealing under surge or rollover conditions to minimise spillage.

Filtration Capability

The FFV150-BCKV is fitted with a **3-micron filtration element**, ensuring that all incoming air is filtered before entering the tank. This significantly reduces the risk of contamination from dust and airborne particles—an essential requirement for operations in harsh mining and industrial environments.

Most sites specify filtered venting solutions as standard, as unfiltered air ingress can introduce contaminants that lead to:

- Premature fuel system wear
- Injector damage
- Reduced equipment reliability
- Increased maintenance costs

Key Features

- High-flow venting capacity for rapid tank filling
- Integrated **ball check valve (BCKV)** for spill prevention
- **3-micron filtration** for superior contamination control
- Robust construction suited to mining and industrial applications
- Compatible with **Fast Fill Systems 150 Series configurations**

Applications

- Diesel and oil storage tanks
 - Mobile mining equipment
 - Bulk fuel storage systems
- Fast fill refuelling stations

Operational Benefits

- Maintains tank pressure balance during high-speed filling
- Prevents ingress of harmful contaminants
- Enhances equipment reliability and fuel cleanliness
- Reduces environmental risk associated with overflow or surge



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