

Pilot Operated Shutoff Valve

The VACCO Pilot Operated Shutoff Valve is used as a wing tank shutoff for the F-14 aircraft. The valve is intended to be installed directly on the tank.

With pilot pressure applied, the shutoff valve remains closed. When pilot pressure is removed, the valve opens allowing 125 GPM of fuel flow through the valve. The valve also has an integrated check valve to prevent any back flow through the valve.



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Features

- Pressure balanced
- High flow capacity
- Pilot port per MS33649
- Flapper type check valve
- Lightweight
- Tank mount
- Tank-side piston moves to open sprinkler valve

Operating Parameters

Operating Pressure 50 psig
 Proof Pressure 180 psig
 Cracking Pressure 2 psid
 Pressure Drop 3.7 psid @ 50 GPM

Temperature Ambient -65°F to + 270°F
 Temperature Fuel -65°F to + 160°F
 Internal Leakage 12 cc/mm

Performance characteristics are based on customer requirements. As such, they are not representative of component capabilities or limitations.

