Flanged ESVs for Bulk Plants
FA6010, FA6016 and FA6024

Application
Designed for installation in liquid transfer lines at LP-Gas or Anhydrous Ammonia bulk plants to provide for quick shut-off of liquid or vapor flow in the event of an accidental pull-away, line break, or hose rupture.

Features
• Fusible Element is located in the thermal fuse assembly which acts at the latch open and close trigger. When exposed to fire, the element melts at 212° F allowing the shaft to return to the closed position.
• Valve can be opened by use of operating lever, if a pneumatic actuator is used it will open with the actuator.
• Valve can be closed by remote cable or pneumatic actuator.
• Valve can be closed by simply pushing the operating lever down. It is not necessary to trip the close trigger.
• Seat Disc is retained by a metal seat to minimize leakage in case of direct fire impingement.
• Quick closing regardless if the pump is running or not.

Sturdy Rugged Construction
• Will withstand hydraulic shock of sudden closings, piping strains, and temperature variations.
• Valve has only two moving parts, stem and close/thermal trigger.
• UL listed for use in LP-Gas as an emergency and operating shut-off valve.
• Stem seals are spring loaded for leak free performance at low temperatures/pressures.

Materials
Body ............................................................ Ductile Iron Cad Plated
Stem ............................................................. Stainless Steel
Seat ............................................................... Stainless Steel
Seat Disc (FVA6010/16/24) .......................... High Temperature Viton
Seat Disc (FA6010/16/24) ................................. Nitrile
Springs .......................................................... Stainless Steel
Stem Seals ..................................................... Teflon

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Seat</th>
<th>Inlet and Outlet Connections</th>
<th>Liquid Flow Capacity at 10 PSIG Drop (GPM)</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVA6010</td>
<td>Viton</td>
<td>1¼&quot; - 300# ANSI RF Flange</td>
<td>233 (NH3)</td>
<td>FA6016-60D</td>
</tr>
<tr>
<td>FA6010</td>
<td>Buna-N</td>
<td>1½&quot; - 300# ANSI RF Flange</td>
<td>259 (LP-Gas)</td>
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<tr>
<td>FVA6016</td>
<td>Viton</td>
<td>2&quot; - 300# ANSI RF Flange</td>
<td>640 (NH3)</td>
<td>6016-60C</td>
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<td>Buna-N</td>
<td>2&quot; - 300# ANSI RF Flange</td>
<td>711 (LP-Gas)</td>
<td>6016-60C</td>
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<td>Viton</td>
<td>3&quot; - 300# ANSI RF Flange</td>
<td>1173 (NH3)</td>
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<tr>
<td>FA6024</td>
<td>Buna-N</td>
<td>3&quot; - 300# ANSI RF Flange</td>
<td>1325 (LP-Gas)</td>
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</tbody>
</table>

* Not Available