“Pop-Action” Pressure Relief Valves

**General Information**

The “Pop-Action” design permits the RegO Pressure Relief Valve to open slightly to relieve moderately excessive pressure in the container. When pressure increases beyond a predetermined point, the valve is designed to “pop” open to its full discharge capacity, reducing excess pressure quickly. This is a distinct advantage over ordinary valves which open gradually over their entire range, allowing excessive pressure to develop before the relief valve is fully open. All RegO internal, semi-internal, and external relief valves incorporate this “Pop-Action” design.

**Fully Internal “Pop-Action” Pressure Relief Valves for Transports and Bobtail Delivery Vehicles A8434 and A8436 Series**

**Application**

Designed specifically for use as a primary relief valve on ASME cargo tanks for transportation and bobtails with 2” and 3” F.NPT couplings.

**Features**

- Low profile design ensures maximum protection against shearing or distortion.
- All functioning parts are located below the level of the container connection to reduce the possibility of damage or tampering.
- Longer spring size designed to minimize stress cracking in service.
- Use of two different materials for stem and guide minimizes the possibility of stem seizure which may occur when similar materials are used.
- Internal octagonal wrenching broach ensures easy installation and removal.
- ASME rated for use with LP-Gas and anhydrous ammonia A8434 and A8436 Series
- ASME rated for use with LP-Gas and Propylene VA8436 Series

**Materials**

Body ................................................................. Stainless Steel  
Spring .............................................................. Stainless Steel  
Stem ................................................................. Stainless Steel  
Stem Bushing ............................................ 17 - 4PH Stainless Steel  
Seat Disc (A8434 & A8436 series) ........ Resilient Synthetic Rubber  
Seat Disc (VA8436 series)  ....................................................... Viton

**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Start To Discharge Setting PSIG</th>
<th>A Container Connection</th>
<th>B Overall Height (Approx.)</th>
<th>C Height Above Coupling (Approx.)</th>
<th>UL (At 120% of Set Pressure)</th>
<th>ASME (At 120% of Set Pressure)</th>
<th>LP-Gas</th>
<th>NH3</th>
<th>Propylene</th>
<th>Protective Cap (Included)</th>
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<td>2&quot; M. NPT</td>
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* Per NFPA Pamphlet #58, Appendix D. Area shown is for UL or ASME flow rating—whichever is larger.