2015 New Product Guide

New ACME Adapter 5778

New Rotary Pneumatic Actuators for Bobtails & Transports TA3217RA & TA3217LA

New 3” Internal Valve A3213D / A3213DT Series

New Emergency Shutoff Valves A6010, A6016 & A6024

New 2” FNPT X 3¼” ACME Low Emission Hose End Valve for loading Bobtails and Transports A7914

Combination Filler and Overfill Protection Device (OPD) Low Emissions SF7647V Series

DOT and ASME Multivalves® for Vapor Withdrawal with Presto-Tap® PT6542 and PT6543 Series

Fully Internal “Pop-Action” ASME ¾” Pressure Relief Valve for Motor Fuel Containers 8546 Series

New Complete Line of Low Emissions Valves With 72 Orifice
New ACME Adapter
5778

Application
The 5778 is a 3¼" F-ACME X 2-1/4" M-ACME reducing adapter.

Materials
Body: Brass 3¼" F-ACME
Gasket: Synthetic Rubber

New Rotary Pneumatic Actuators for Bobtails & Transports
TA3217RA & TA3217LA

Application
Design primarily for use with A3217A & DA Series Internal Valves on MC331 bobtail delivery trucks and transports. The TA3217RA & LA Series Pneumatic Actuators operates on compressed air systems and has a higher operating pressure range of 90 PSI (MIN) to 150 PSI (MAX).

Features
- Easy Installation
- Compact Design
- Factory preset for open/close operation - No field adjustment required
- Long Operation Life
- Open/Closed Indicator
- Operates on Compressed air or Nitrogen
- Operating pressure range 90 PSI (MIN) – 150 PSI (MAX)
- Thermal Fuse Included

Ordering Information
<table>
<thead>
<tr>
<th>Part Number</th>
<th>For Use On</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA3217RA</td>
<td>A3217AR Series</td>
</tr>
<tr>
<td></td>
<td>A3217DAR Series</td>
</tr>
<tr>
<td>TA3217LA</td>
<td>A3217AL Series</td>
</tr>
<tr>
<td></td>
<td>A3217DAL Series</td>
</tr>
</tbody>
</table>
RegO’s New 3” Internal Valve A3213D / A3213DT Series
Replacement for A3213R & A3213RT Series

Application

Designed primarily for use with LP-Gas and Anhydrous Ammonia for liquid or vapor transfer; vapor equalization of bobtail delivery trucks, transports, stationary storage tanks, and in-line installations. The valves may be installed horizontally or vertically and operated manually by cable or pneumatically.

Features

Changes made to the A3213D & DT are to the stem, seat retainer assembly, and stem guide for better performance and longer service life.

1. Stem has a larger thread and a lock nut and redundant E-Ring retainer.
2. Wrench flats added to the seat retainer.
3. Seat disc retainer plate is machined to help minimize pressure drop when filling into containers.
4. New longer stem guide which provides enhanced guidance for the stem.
5. Wiper ring inside the guide to prevent debris from being trapped between the guide and stem for reduced wear.

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Valve Rating Closing Flow</th>
<th>Pneumatic Actuator</th>
<th>Rotary Actuator</th>
<th>Thermal Latch</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3213D150</td>
<td>150 GPM / 125 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3213D200</td>
<td>200 GPM / 160 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3213D300</td>
<td>300 GPM / 250 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3213D400</td>
<td>400 GPM / 325 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3213DT150</td>
<td>150 GPM / 125 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3213DT200</td>
<td>200 GPM / 160 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3213DT300</td>
<td>300 GPM / 250 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3213DT400</td>
<td>400 GPM / 325 GPM</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
New A6010, A6016 & A6024 Emergency Shutoff Valves
Replaces 6010, 6016, 6024 & AA6010, AA6016, AA6024

Application

Designed for installation in liquid or vapor 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

- Meets NFPA 58 and UL requirements.
- Fusible element is located in the thermal fuse assembly, which acts as latch open and close trigger. When exposed to fire, the element melts at 212 degrees 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.

Materials

Body: Ductile Iron Cad Plated
Stem: Stainless Steel
Seat: Stainless Steel
Seat Disc (6016): High Temperature Viton
Seat Disc (A6016): Nitrite
Seat Disc (AA6016): Synthetic Rubber
Seat Disc (6024): Synthetic Rubber
Springs: Stainless Steel
Gaskets: Teflon

Ordering Information

<table>
<thead>
<tr>
<th>Emergency Shut-off Valves</th>
<th>Remote Close Pneumatic</th>
<th>Remote Open/Close Pneumatic</th>
<th>Remote Open/Close Rotary</th>
<th>Liquid Flow at 10 PSIG Pressure Drop (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Number</td>
<td>Use With</td>
<td>Inlet - Outlet</td>
<td></td>
<td>LPG</td>
</tr>
<tr>
<td>A6010</td>
<td>LPG/NH3</td>
<td>1 1/2&quot; F. NPT</td>
<td>6016-60D</td>
<td>259</td>
</tr>
<tr>
<td>A6016</td>
<td></td>
<td>2&quot; F. NPT</td>
<td>6016-60C</td>
<td>711</td>
</tr>
<tr>
<td>A6024</td>
<td></td>
<td>3&quot; F. NPT</td>
<td>6016RA</td>
<td>1325</td>
</tr>
<tr>
<td>VA6010</td>
<td></td>
<td>1 1/2&quot; F. NPT</td>
<td></td>
<td>259</td>
</tr>
<tr>
<td>VA6016</td>
<td>**</td>
<td>2&quot; F. NPT</td>
<td></td>
<td>711</td>
</tr>
<tr>
<td>VA6024</td>
<td></td>
<td>3&quot; F. NPT</td>
<td></td>
<td>1325</td>
</tr>
</tbody>
</table>

** Viton Seat Disc
New 2” FNPT X 3¼” ACME Low Emission Hose End Valve for loading Bobtails and Transports A7914

Application

The A7914 minimum loss valve is designed to reduce the amount of product vented when disconnecting bobtail and transport loading hoses. This valve provides a full-on flow when pressing the release trigger and the lifting of an easy grip handle.

Lowering the handle will immediately stop flow and lock the lever in the closed position. This valve was designed to be used with our 6588LE and 6589LE 3¼” M-ACME minimum loss filler valves but can be used with any standard 3¼” Male ACME connector.

Features

• Complies to CARB regulations
• Discharges less than 2 CCs at disconnect
• Contoured handle rotates 360° large easy to turn ACME swivel connector.
• Self-locking handle is operator opened and closed designed to prevent accidental opening of the valve.
• Bypass mechanism in the seat area allows the upstream pressure to quickly equalize when the handle is partially moved to the open position.
• Spring loaded Teflon “V” packing for bonnet/stem assembly provides long service life.

Materials

- Body: Ductile Iron
- "V" –Rings: Teflon
- Stem: Stainless Steel
- Acme Connector: Cadmium Plated Ductile Iron
- Seal Housing: Stainless Steel
- Bonnet: Cadmium Plated Steel
- Lever: Stainless Steel
- Seat Disc: Synthetic Rubber

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Inlet Connection</th>
<th>Outlet Connection</th>
<th>Locking Handle</th>
<th>1 PSIG</th>
<th>10 PSIG</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7914</td>
<td>2” FNPT</td>
<td>3¼” F-ACME</td>
<td>Yes</td>
<td>55</td>
<td>174</td>
</tr>
</tbody>
</table>

*To obtain approximate flow at other than 1 PSIG drop, multiply flow in table by square root of pressure drop. Example A7914 @ 9PSIG drop = 55 X √9 = 165 GPM /propane
Combination Filler and Overfill Protection Device (OPD)
Low Emissions SF7647V Series

Application
This combined filler valve and overfill protection device is designed to provide fast filling and protection against overfilling of Vertical above ground small bulk type containers. The SF7647V Series offers good fill rates and an overfill prevention, device that will stop the flow of product into the container when the liquid level reaches 80-83% of its capacity.

Features
• Large flow area for fast filling.
• Resilient seated upper check.
• Stable Overfill Protection Device that is integral to the filler valve.
• Overfill Protection Device will stop the flow of liquid when the 80-83% level is reached.

Materials
Upper body ................................................................. Brass
Lower body ............................................................... Brass
Springs ................................................................. Stainless Steel
Washer and seat disc .............................................. Synthetic Rubber
Cap ................................................................. Plastic
OPD check ............................................................. Nylon
OPD lever and riser ................................................. Nylon
OPD float .......................................................... Closed Cell Nitrile
.............................................................................. Rubber Ebonite

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Propane Liquid Capacity at 20 PSIG differential pressure gallons/minute</th>
<th>Propane Liquid Capacity at 30 PSIG differential pressure gallons/minute</th>
<th>Propane Liquid Capacity at 50 PSIG differential pressure gallons/minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF7647V11.0</td>
<td>19</td>
<td>24</td>
<td>50</td>
</tr>
<tr>
<td>SF7647V11.1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Application**

These Multivalves® permit vapor withdrawal from ASME containers up to 50 sq. ft. surface area and DOT containers up to 420 lbs. propane capacity. They allow on-site cylinder filling without interrupting gas service.

**Features 6542 and 6543**

- Incorporates high capacity filler valve with double back checks, service valve, fixed liquid level gauge, pressure relief valve and built-in baffle tube into one compact unit.
- Higher filling capacity is combined with back check protection by placing the secondary back check at the bottom of the baffle tube, creating a larger flow area through the body.
- Pre-drilled hole in 1¼” wrenching flat accepts a drive screw for attaching relief cap and chain.
- With the Service Valve closed the Pressure Test / Presto-Tap® port is isolated from the container. This will allow a high pressure leak test to be conducted without disconnecting the pigtail from the service valve.
- Secondary back check placed in the body of the valve to help minimize reverse flow in the event the upper back check shears off or requires replacement.
- The MultiBonnet® option allows quick and easy repair of bonnet.

**Liquid Filling Rates**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Approximate Filling Rate -- Liquid Flow, GPM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 PSIG</td>
</tr>
<tr>
<td>PT6542A12.0</td>
<td>6542R12.0</td>
</tr>
<tr>
<td>PT6543A11.1</td>
<td>6543R11.1</td>
</tr>
<tr>
<td>PT6543A11.7</td>
<td>6543R11.7</td>
</tr>
</tbody>
</table>

**Materials**

- Body ................................................................. Forged Brass
- Handwheel .......................................................... Aluminum Die Cast
- Valve Stems ....................................................... Brass
- O-Rings .............................................................. Resilient Rubber
- Seat Disc (shut-off valve) ..................................... Nylon
- Seat Disc (others) ................................................. Resilient Rubber
- Relief Spring ..................................................... Stainless Steel

**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Bonnet Style</th>
<th>Application</th>
<th>Container Connection</th>
<th>Service Connection</th>
<th>Filling Connection</th>
<th>Fixed Liquid Level Vent Valve Style</th>
<th>Dip Tube Length with Deflector</th>
<th>Pressure Relief Valve Setting</th>
<th>For Use In Cylinders w/Propane Capacity Up To **</th>
<th>UL Flow Capacity @ 120% of set pressure SCFM (air)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT6542A12.0</td>
<td>Standard</td>
<td>ASME*</td>
<td>1” M. NGT</td>
<td></td>
<td></td>
<td>F. POL (CGA 510)</td>
<td>12.0”</td>
<td>250 PSIG</td>
<td>-</td>
<td>1530</td>
</tr>
<tr>
<td>PT6542R12.0</td>
<td>MultiBonnet®</td>
<td>DOT</td>
<td>1” M. NGT</td>
<td>F. POL (CGA 510)</td>
<td>11.1”</td>
<td>375 PSIG</td>
<td>420 lbs. Propane</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>PT6543A11.1</td>
<td>Standard</td>
<td>DOT</td>
<td>1” M. NGT</td>
<td>1¼” M. ACME</td>
<td></td>
<td>11.7”</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>PT6543R11.1</td>
<td>MultiBonnet®</td>
<td>DOT</td>
<td>1” M. NGT</td>
<td>1¼” M. ACME</td>
<td></td>
<td>11.7”</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>PT6543A11.7</td>
<td>Standard</td>
<td>DOT</td>
<td>1” M. NGT</td>
<td>1¼” M. ACME</td>
<td></td>
<td>11.7”</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>PT6543R11.7</td>
<td>MultiBonnet®</td>
<td>DOT</td>
<td>1” M. NGT</td>
<td>1¼” M. ACME</td>
<td></td>
<td>11.7”</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**REGO PRODUCTS**

10 YEAR WARRANTY

**UL**

**Liquid Filling Rates**

**Materials**

**Ordering Information**

**Notes:**
- **Per CGA Pamphlet S-1.1.**
**Application**

8546 Series relief valves are designed for use as a primary relief valve in ASME RV & small engine containers.

**Features**

- Assures Minimum product loss due to “pop-action design.
- Recessed design minimizes possibility due to damage and tampering.
- Threaded to accept Rego® Pipeaway Adapter that permits the addition of a discharge hose or piping.
- ASME rated for LP-Gas
- Specify Rego® Relief Valves on your original equipment motor fuel container purchases for reliable performance.

**Materials**

<table>
<thead>
<tr>
<th>Body</th>
<th>Brass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>Coated Steel</td>
</tr>
<tr>
<td>Seat Disc</td>
<td>Resilient Rubber</td>
</tr>
</tbody>
</table>

**Ordering Information**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Container Type</th>
<th>Start To Discharge Setting PSIG</th>
<th>A Container Connection M. NPT</th>
<th>B Overall Height (Approx.)</th>
<th>C Height Above Coupling (Approx.)</th>
<th>D Hex Wrenching Section</th>
<th>Flow Capacity SCFM/Air****</th>
<th>Protective Cap (Included)</th>
<th>Accessories Pipeaway Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>8546G</td>
<td>ASME</td>
<td>250</td>
<td>¾”</td>
<td>4½”</td>
<td>1½/16”</td>
<td>1½/16”</td>
<td>723</td>
<td>651</td>
<td>11565-26</td>
</tr>
<tr>
<td>8546T</td>
<td></td>
<td>312</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>880</td>
<td>792</td>
<td>8546-11</td>
</tr>
</tbody>
</table>
NEW! - Lower Emission Valves with #72 Orifice

- D9107K8A Series
- D6555D-D6555R D6555DL-D8555D-D8555R Series
- D9103 Series
- DP8475RL Series
- D9101D-D9101R D9102D-D9102R Series
- 3165D-3165DFT Series
- DPT9102D-DPT9102R Series

10 Year Warranty

REGO PRODUCTS
Environmentally Friendly