New Check Valve

Automatic Shutoff Valve Decouplers for Single and Double Acting Systems

- Decouplers are a convenient, self-contained package that includes quick connect couplings, filters, pilot operated check valve and an over pressure relief valve.
- Contains a robust pilot operated check valve with a 1:5 pilot to check ratio for proven long term reliability.
- Internal 25 micron filters for added protection of the pilot operated check valve through ports A1, A2, A3, A4 and C1. Additional filtration at port B1. No filtration at remaining ports.
- Integral accumulator available in three operating pressure ranges.
- SAE female external ports and manifold mounting (bottom and rear) connections.
- Single acting pallet circuits require 2 hoses to the Operating Handle for pressure release. For single hose systems see the Manual Shutoff Valve Decoupler.
- Additional filtration available through the use of manifold mount and in-line filtration. Filter kit model # 62-5600-05 (for in-line mounting) or 62-5600-06 (for manifold mounting).

For proper sealing, mating surface must be flat within 0.003 in. with a maximum 63 μ in. Ra surface finish.

Decouplers with Integral Accumulator

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Pressure Range (psi)</th>
<th>Accumulator Capacity</th>
<th>Optional In-Line Filter</th>
<th>Optional Filters</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-0005-42</td>
<td>400-1,500</td>
<td>3.8 cu. in.</td>
<td>70-0401-71</td>
<td>70-8420-05</td>
</tr>
<tr>
<td>56-0005-23</td>
<td>1,000-3,500</td>
<td>3.6 cu. in.</td>
<td></td>
<td>70-0437-71</td>
</tr>
<tr>
<td>56-0005-24</td>
<td>2,000-5,000</td>
<td>3.2 cu. in.</td>
<td></td>
<td>(Bottom A4 &amp; B4) OR 70-8420-06 (REAR A3 &amp; B3)</td>
</tr>
</tbody>
</table>

For use with Operating Handle Model No. 56-0008-00.

One-Handed Operating Handle

Model No. 56-0008-00

For use with Decoupler Model Nos. 56-0005-23, 56-0005-24, 56-0005-25 or 56-0005-26, 56-0005-42 or 56-0005-43

- Provides a fast, positive connection to the Decoupler.
- Positive lock/un-lock design eliminates missed connections.
- Ergonomic design reduces operator fatigue.
- Maximum working pressure is 5,000 psi.
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- Robust pilot operated check valve with a 1:5 pilot to check ratio for proven long term reliability.
- Internal 25 micron filters for added protection of the pilot operated check valve through ports A1, A2, A3, A4, A5 and C1. Additional filtration at port B1. No filtration at remaining ports.
- External accumulator available in three operating pressure ranges.
- Single acting pallet circuits require 2 hoses to the Operating Handle for pressure release. For single hose systems see the Manual Shutoff Valve Decoupler.
- Additional filtration available through the use of manifold mount and in-line filtration. Filter kit model # 62-5600-05 (for in-line mounting) or 62-5600-06 (for manifold mounting).

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<th>Optional Filters</th>
<th>Filter Plate for Manifold Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-0005-43</td>
<td>400-1,500</td>
<td>3.8 cu. in.</td>
<td>70-0401-71</td>
<td>70-8420-05 (BOTTOM A5 &amp; B5) OR</td>
<td>70-8420-06 (REAR A4 &amp; B4)</td>
</tr>
<tr>
<td>56-0005-25</td>
<td>1,000-3,500</td>
<td>3.6 cu. in.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>56-0005-26</td>
<td>2,000-5,000</td>
<td>3.2 cu. in.</td>
<td></td>
<td></td>
<td></td>
</tr>
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