NEW

Automatic Shutoff Valve Decouplers for Single and Double Acting Systems

- Decouplers are a complete, self contained package for disconnecting a fixture from its power supply while machining.
- Everything is there for you: Quick connect coupling, accumulator, filters, pilot operated check valve and over pressure relief valve!
- Robust pilot operated check valve with 1 to 5 ratio of pilot to check pressure for proven long term reliability.
- Internal 25 micron filters for added protection of pilot operated check valve thru ports A1, A2, A3, A4 & C1. Additional filtration provided at port B1 (filtration for A3, B3 or A4, B4 available by purchasing Vektek filter block 47-0842-05 or 47-0842-06 depending on mounting orientation.)
- G1/4 ports and manifold mounting (bottom and rear) connections on all models.
- Single acting pallet circuits require 2 hoses to the operating handle for pressure release. For single hose systems see the Manual Shutoff Valve Decoupler.

Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Pressure Range Bar</th>
<th>Accumulator Capacity (cu. cm)</th>
<th>In-Line Filter Cartridge</th>
<th>Filter Plate (For Manifold Mount)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45-6007-27</td>
<td>30-100 (3-10 MPa)</td>
<td>62</td>
<td>47-0048-81</td>
<td>47-0842-05 (Bottom A4 &amp; B4) or 47-0842-06 (Rear A3 &amp; B3)</td>
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<tr>
<td>45-6007-28</td>
<td>70-250 (7-25 MPa)</td>
<td>59</td>
<td></td>
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<tr>
<td>45-6007-29</td>
<td>140-350 (14-35 MPa)</td>
<td>52</td>
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</tbody>
</table>

NOTE: These automatic shutoff valve decouplers and operating handle must be used with a suitable pump which includes a 4 port/3 position, P-blocked center ("A" & "B" connected to tank) directional control valve for operation of single or double acting systems. One automatic shutoff valve decoupler can be used to operate only one double acting or one single acting circuit. For operation of a single acting circuit, plug the decoupler outlet port "B" (as shown in the schematic).

Two-Handed Operating Handle

- Maximum working pressure - 350 bar (35 MPa)
- Provides a fast, positive connection to the decoupler.
- Ergonomic design reduces operator fatigue.
- The Two-Handed Handle may be used with the optional Handle Docking Module to assure that the hoses are disconnected from the pallet before it is shuttled into the machine.
- SAFETY: See Docking Station -(End of Section K)

Two-Handed Operating Handle

Model No. 45-6005-04

For use with Decoupler Model Number 45-6007-27, 45-6007-28, 45-6007-29, 45-6007-03, 45-6007-30, 45-6007-31, 45-6007-32