Boosters, Compact Air/Hydraulic

For Single Acting Systems

- Multiples your shop air line pressure to power simple hydraulic systems without electricity.
- Intensification ratios ranging from 11:1 to 54:1.
- Output capacities from 2.1 to 9.6 cu. inches.

Air/hydraulic boosters are an inexpensive way to power one single acting system. Whether this is your first system or you want a compact “ride-along” power supply for a system, these boosters are an efficient choice. Solid end and intermediate plates capture a reinforced epoxy case which acts as the air cylinder and fluid reservoir. The hydraulic piston runs in a steel cylinder immersed in the fluid reservoir. The double acting air piston design assures you of full fluid capacity on each actuation of the booster.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Intensification Ratio</th>
<th>Useable Oil Volume</th>
<th>Maximum Air Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>55-0184-00</td>
<td>11:1</td>
<td>9.6 cu. in.</td>
<td>125 psi</td>
</tr>
<tr>
<td>55-0104-00</td>
<td>22:1</td>
<td>5.0 cu. in.</td>
<td></td>
</tr>
<tr>
<td>55-0114-02</td>
<td>40:1</td>
<td>2.8 cu. in.</td>
<td></td>
</tr>
<tr>
<td>55-0114-04</td>
<td>54:1</td>
<td>2.1 cu. in.</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: One booster can be used to operate one single acting system. Boosters are not intended for use with single acting palletized (disconnected) systems. Boosters may be mounted horizontally or vertically. If mounted vertically, the oil discharge end must point up for proper operation.

Boosters Dimensions

- Oil Reservoir Fill Port
- SAE 4 Pressure Port
- 1/8 NPT Return Air Port
- 2x 1/4-20 UNC W .50
- 9.50 With Mounting Plates Reversed
- 11.09
- 12.59
- 13.34
- 2.00
- 4.50
- 4x Ø .28