Single Path Rotating Unions

Adapter 30-8711-40 (SAE 4 Port) and 30-8711-60 (SAE 6 Port) are not furnished with the rotary union and must be ordered separately.

SAE 2 Port plugged at assembly. To manifold mount, order adapter 30-8711-23 and discard plug.

Adapter cavities generated with a standard SAE port tool.

C Port Plugged at assembly. To manifold mount, order adapter 30-8711-23 & discard plug.

4X Counterbored & Drilled for 1/4 Cap Screws on ØJ Bolt Circle

2X Counterbored & Drilled for 1/4 Cap Screws on ØJ Bolt Circle

For proper sealing, mating surface must be flat within 0.003 in. with a maximum 32 µ in. Rₐ surface finish.

Operating Parameter Guidelines
- Operating Temperature
  Range: 40°F - 160°F
- Max. RPM see table page I-3

Single Path Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>32-1241-00</td>
<td>2.36</td>
<td>0.69</td>
<td>SAE 2</td>
<td>0.38</td>
<td>1.30</td>
<td>SAE 4</td>
<td>1.30</td>
<td>0.97</td>
<td>2.25</td>
<td>2.75</td>
<td>1.37</td>
<td>0.39</td>
</tr>
<tr>
<td>32-1261-01</td>
<td>2.60</td>
<td>0.97</td>
<td>SAE 2</td>
<td>0.50</td>
<td>1.58</td>
<td>SAE 6</td>
<td>1.44</td>
<td>1.03</td>
<td>2.38</td>
<td>3.00</td>
<td>1.35</td>
<td>0.67</td>
</tr>
</tbody>
</table>

Operating Limits

Speed (rpm) vs. Input Pressure (psi)

Rotational Torque Resistance (in-lb) vs. Input Pressure (psi)
Operating Parameter Guidelines
- Max. Hydraulic Pressure: 5,000 psi
- Max. Air Pressure: 200 psi
- Max. Vacuum: 28 Hg
- Max. Temperature: 400°F
- Max. RPM see table page I-3

NOTE: Hoses alone should never be used to control the movement of a rotating union.

Operating Parameter Guidelines
- Operating Temperature: 40°-160°F
- Max. RPM see table page I-3