The PKS series models are extremely durable, large oil rotary vacuum pumps with very stable pumping characteristics.

**Features**

- The single-stage design of the rotary plunger vacuum pump is robust and very reliable.
- High-grade cast iron is used, providing strength and resistance to abrasion.
- Disassembly and reassembly for maintenance is quite simple. Exhaust valve inspection is also easy.

**Applications**

- Vacuum heating furnace
- Vacuum molding
- Vacuum drying
- Vacuum distillation
- Vacuum packing, etc.

**Pumping Speed Curves**

These are representative curves based on actual measurement data.
Oil Rotary Vacuum Pump [PKS Series]

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PKS-016</th>
<th>PKS-030</th>
<th>PKS-070</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designed pumping speed</td>
<td>m³/hr</td>
<td>L/min</td>
<td>L/min</td>
</tr>
<tr>
<td></td>
<td>96</td>
<td>1600</td>
<td>6000</td>
</tr>
<tr>
<td></td>
<td>180</td>
<td>3000</td>
<td></td>
</tr>
<tr>
<td></td>
<td>420</td>
<td>7000</td>
<td></td>
</tr>
<tr>
<td>Ultimate pressure</td>
<td>Pa</td>
<td>Torr</td>
<td>mbar</td>
</tr>
<tr>
<td>Type</td>
<td>2.7</td>
<td>2x10⁻²</td>
<td>2.7x10⁻²</td>
</tr>
<tr>
<td>Motor</td>
<td>Type</td>
<td>Totally Enclosed Fan Cooled Motor</td>
<td></td>
</tr>
<tr>
<td>pk</td>
<td>1</td>
<td>2.2 (4)</td>
<td>3.7 (4)</td>
</tr>
<tr>
<td></td>
<td>HP (number of poles)</td>
<td>11 (6)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Voltage/Frequency</td>
<td>200V/50Hz, 200V/60Hz, 220V/60Hz</td>
<td></td>
</tr>
</tbody>
</table>

Options
- Oil mist trap TM-2
- Oil mist trap TM-3
- Oil mist trap TM-4

Oil capacity
- L
- 6.5
- 8
- 20

Cooling method
- Primary side pressure
- Water cooled
- Pressure differential
- Water cooled

Certification
- CE (Option)

Options
- Oil mist trap TM-2
- Oil mist trap TM-3
- Oil mist trap TM-4

Dimensions

Note 1. In the phantom line is maintenance space.
Note 2. The "3/2" size might become about 100mm larger by the putting condition of the belt and the kind of the motor.

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