Over three decades of expertise in vacuum technology, we offer customized solutions ranging from individual products to a complete system.

New customer requirements have given raise to further development in Toshniwal Direct Driven Vacuum Pumps, the 72-D series.

Beyond usual quality and reliability of Toshniwal pumps the 72-D series pump offers improvement in the areas of quieter operation, smaller size and easy maintenance. Pumping capacities available are 120 to 900 lit/min.

**Toshniwal Direct Drive pumps provide many advantages to the user:**

- Portable
- Highly reliable
- Low noise operation
- Double Stage pumps
- Compact and sturdy design
- Advanced lubricating system
- Easy maintenance and usage

**Typical Application**

- Filtration process
- Distillation process
- Dehydration process
- Dehydration of Refrigeration
- Solvent concentration backing vapour pumps

**Quality**

All the pumps are manufactured with durable material. All components are inspected and tested at every stage. Use of pumps with quality vacuum oil Enhance the life of pump and quality of vacuum.

Ready availability of spares backed by efficient after sales service.
## Technical Data

### Technical Data For 72 - D Series

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Free air displacement (lit/min)</td>
<td>120</td>
<td>240</td>
<td>480</td>
<td>900</td>
</tr>
<tr>
<td>Ultimate pressure (Torr)*</td>
<td>1x10⁻³</td>
<td>1x10⁻³</td>
<td>1x10⁻³</td>
<td>1x10⁻³</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>0.37</td>
<td>0.55</td>
<td>1.1</td>
<td>1.5</td>
</tr>
<tr>
<td>Voltage</td>
<td>220V, 50 Hz, 1Ø</td>
<td>220V, 50 Hz, 1Ø</td>
<td>400V, 50 Hz, 3Ø</td>
<td>400V, 50 Hz, 3Ø</td>
</tr>
<tr>
<td>Intake Fittings</td>
<td>KF 25</td>
<td>KF 25</td>
<td>KF 40</td>
<td>KF 40</td>
</tr>
<tr>
<td>Oil Capacity (lit)</td>
<td>0.80</td>
<td>1.0</td>
<td>2.5</td>
<td>4.0</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>488x145x280</td>
<td>528x145x280</td>
<td>575x172x350</td>
<td>703x338x453</td>
</tr>
<tr>
<td>Net Weight (kgs)</td>
<td>20</td>
<td>22</td>
<td>60</td>
<td>75</td>
</tr>
<tr>
<td>RPM</td>
<td>1400</td>
<td>1400</td>
<td>1400</td>
<td>1400</td>
</tr>
</tbody>
</table>

*Specifications are subjected to changes without notice, Measured on McLeod Gauge

Also available from TOSHNIWAL


For further details please contact:

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