FEATURES
KCB series gear pumps are used for transfer and delivery of non-corrosive oil at temperature below 80 deg. C. and without solid particles or fibres. Viscosity of liquid suitable for the pump is 5 to 1,500 centistokes.

STRUCTURE
KCS series gear pumps are heat-treated to a higher hardness and intensity. It is fixed onto the axles rotating inside replaceable axle-sleeves. All the pump parts are automatically lubricated by the medium it is delivering when operating.
The pump is designed with a leakage and return chute to reduce load and wear on the bearings and to raise the pump's efficiency. It also has a built-in relief valve for protection against pressure overloads.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>Bore Size</th>
<th>Pump Capacity</th>
<th>Pump Speed</th>
<th>Delivery Pressure</th>
<th>NPSH</th>
<th>Motor Power (60Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>KCB-83.3</td>
<td>1-1/2”</td>
<td>100 litres/min.</td>
<td>6.0 m3/hr.</td>
<td>1750 rpm.</td>
<td>3.3 bar</td>
<td>7.0 metre</td>
</tr>
<tr>
<td>KCB-200</td>
<td>2”</td>
<td>240 litres/min.</td>
<td>14.4 m3/hr.</td>
<td>1750 rpm.</td>
<td>3.3 bar</td>
<td>5.0 metre</td>
</tr>
<tr>
<td>KCB-483.3</td>
<td>2-1/2”</td>
<td>580 litres/min.</td>
<td>34.7 m3/hr.</td>
<td>1750 rpm.</td>
<td>3.6 bar</td>
<td>5.5 metre</td>
</tr>
<tr>
<td>KCB-633</td>
<td>3”</td>
<td>750 litres/min.</td>
<td>44.9 m3/hr.</td>
<td>1150 rpm.</td>
<td>2.8 bar</td>
<td>6.0 metre</td>
</tr>
<tr>
<td>KCB-960</td>
<td>4”</td>
<td>1160 litres/min.</td>
<td>69.5 m3/hr.</td>
<td>1750 rpm.</td>
<td>2.8 bar</td>
<td>6.5 metre</td>
</tr>
<tr>
<td>KCB-1600</td>
<td>6”</td>
<td>1900 litres/min.</td>
<td>113.8 m3/hr.</td>
<td>1150 rpm.</td>
<td>6.0 bar</td>
<td>7.0 metre</td>
</tr>
<tr>
<td>KCB-2500</td>
<td>8”</td>
<td>2960 litres/min.</td>
<td>177.2 m3/hr.</td>
<td>1150 rpm.</td>
<td>6.0 bar</td>
<td>7.5 metre</td>
</tr>
</tbody>
</table>