APPLICATIONS

Industrial & Automotive – Hydraulic external gear pumps and motors

CHARACTERISTICS

- Aluminium bearing alloy widely used in external gear pumps and motors
- High strength aluminium alloy with anti-friction and wear resistance properties
- Suitable for use with oil lubrication
- High load capacity
- Good fatigue and wear resistance
- High mechanical strength
- Good friction
- Excellent machinability

AVAILABILITY

Bearing forms made to order: High performance engineered solutions and designs with or without assembled bearings according to customers’ requirements

For questions and assistance, contact a GGB engineer at: https://www.ggbearings.com/en/contact
### OPERATING PERFORMANCE

<table>
<thead>
<tr>
<th>Lubrication Type</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Oil lubricated</td>
<td>Very Good</td>
</tr>
<tr>
<td>Grease lubricated</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Water lubricated</td>
<td>Fair</td>
</tr>
<tr>
<td>Process fluid lubricated</td>
<td>Not recommended</td>
</tr>
</tbody>
</table>

**MICROSECTION**

Aluminium Alloy