Oilless Slide Plate

Copper Alloy Type
Thickness 10mm
SO#50SP2

RoHS

Oilless Slide Plate

Sliding Direction

Bolt M6×15

When the product is used at high temperature (150˚C or more), the embedding specification of solid lubricant is different. Please contact us for details.

Material
Base Copper alloy (SO-2)
Solid lubricant (GR-1)

Operation Range

<table>
<thead>
<tr>
<th>Lubricant Type</th>
<th>Lubricating Condition</th>
<th>Environment Condition</th>
<th>Max. Allowable Load P N/mm²</th>
<th>Max. Allowable Sliding Speed m/min</th>
<th>Max. Allowable PV Value N/mm² · m/min</th>
<th>Operation Range Temperature ℃</th>
</tr>
</thead>
<tbody>
<tr>
<td>GR-1</td>
<td>No lubrication</td>
<td>Atmosphere</td>
<td>100</td>
<td>15</td>
<td>150</td>
<td>−50 − +300</td>
</tr>
<tr>
<td></td>
<td>Regular lubrication (Grease)</td>
<td></td>
<td></td>
<td>30</td>
<td>200</td>
<td>−50 − +150</td>
</tr>
</tbody>
</table>

Physical Properties

<table>
<thead>
<tr>
<th>Specific Gravity</th>
<th>Hardness HB</th>
<th>Elongation %</th>
<th>Tensile Strength N/mm²</th>
<th>Linear Expansion Coefficient x10⁻⁵/℃</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.9</td>
<td>210 or more</td>
<td>12 or more</td>
<td>755 or more</td>
<td>1.9</td>
</tr>
</tbody>
</table>

Order

Catalog No. W L

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We are ready to accept requests or orders for special parts.