Part number selection table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Circular Pitch (mm)</th>
<th>Pitch Height (P)</th>
<th>Rack Thrust (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RH79-25M-300</td>
<td>2.5</td>
<td>24.601</td>
<td>130*</td>
</tr>
</tbody>
</table>

* Quoted rack thrust based on meshing with a 76 tooth pinion (Ø60.47mm).

- Cumulative pitch error 0.015mm.
- Ground teeth, standard accuracy grade 3.
- Manufactured from stainless steel.
- High load capacity.
- Unlimited axis lengths possible by setting individual racks together.

Additional options, please enquire....

- Alternative lengths available, to a maximum of 500mm.
- Shorter lengths.
- Alternative pitches, including module.
- 25° pressure angle available.

General Information
All dimensions in mm
General tolerances: ±0.13mm
Material: Stainless steel
Grade 416
Treatment: Hardened to 35-45 Hrc.
Pressure angle 20°

Associated Products
Hardened rack pinions

Standard Product Sales: (USA)708-449-5700 (USA)708-449-5703
www.schlenkent.com sales@schlenkent.com
**General Information**

All dimensions in mm

General tolerances: ±0.13mm

Material:
Stainless steel
Grade 416

Treatment:
Hardened to 35-45 Hrc.
Pressure angle 20°

**Associated Products**

Rack pinions
Encoders

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**Rectangular Rack**

- Cumulative pitch error less than 0.008mm per 300mm.
- Ground teeth, standard accuracy grade 4.
- Manufactured from a stainless steel.
- Unlimited axis lengths possible by setting individual racks together.

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**Part number selection table**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Circular Pitch (mm)</th>
<th>Length L</th>
<th>Pitch Height (P)</th>
<th>Number of Holes</th>
</tr>
</thead>
<tbody>
<tr>
<td>R9-1M-300</td>
<td>1</td>
<td>300</td>
<td>11.869</td>
<td>6</td>
</tr>
<tr>
<td>R9-2M-300</td>
<td>2</td>
<td></td>
<td>11.550</td>
<td></td>
</tr>
<tr>
<td>R9-25M-300</td>
<td>2.5</td>
<td></td>
<td>11.391</td>
<td></td>
</tr>
<tr>
<td>R11-1M-600</td>
<td>1</td>
<td>600</td>
<td>11.869</td>
<td>12</td>
</tr>
<tr>
<td>R11-2M-600</td>
<td>2</td>
<td></td>
<td>11.550</td>
<td></td>
</tr>
<tr>
<td>R11-25M-600</td>
<td>2.5</td>
<td></td>
<td>11.391</td>
<td></td>
</tr>
</tbody>
</table>

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- Shorter lengths.
- Alternative pitches, including module.
- Higher accuracy grades.
- See technical data, page 18 for alternative grades.
Ground Helicoidal Rack

Rectangular Rack

Part number selection table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Circular Pitch (mm)</th>
<th>Pitch Height (P)</th>
<th>Number of Holes</th>
</tr>
</thead>
<tbody>
<tr>
<td>R5-1M-300</td>
<td>1</td>
<td>10.679</td>
<td>6</td>
</tr>
</tbody>
</table>

- Cumulative pitch error less than 0.008mm per 300mm.
- Ground teeth, standard accuracy grade 4.
- Manufactured from a stainless steel.
- Unlimited axis lengths possible by setting individual racks together.

Additional options, please enquire....

- Shorter lengths.
- Alternative pitches, including module.
- Higher accuracy grades.
- See technical data, page 18 for alternative grades.