PEL® HP

HIGH RESISTANCE TO WEAR AND SEIZURE IN HARSH WORKING CONDITIONS

PEL® HP bushings have an excellent resistance to wear and seizure thanks to duplex surface treatment combines with patented greasing reservoirs on the friction area.

Standard tolerances:
- OD: p6
- ID: H9

Mating pin:
- Hardness ≥ 56 HRC
- Optimum Roughness: Ra ≤ 1.6 µm

Applications:
- Attachment (grapples…)
- Handling (telescopic handler, harbor forklift…)
- Agriculture (plough…)

PEL HP benefits:
- Long interval of lubrication (up to 250 hours)
- High wear and seizure resistance
- Appropriated for translation application

Characteristics:

<table>
<thead>
<tr>
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<th>PEL HP</th>
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</thead>
<tbody>
<tr>
<td>Dynamic projected contact pressure (Max)</td>
<td>100 MPa</td>
</tr>
<tr>
<td>Core mechanical resistance (Min)</td>
<td>700 MPa</td>
</tr>
<tr>
<td>Surface hardness (Min)</td>
<td>550 Hv₁</td>
</tr>
<tr>
<td>Velocity (Max)</td>
<td>1.5 m/s</td>
</tr>
<tr>
<td>Temperature</td>
<td>-40 °C to +250 ºC</td>
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