### Gear Data

<table>
<thead>
<tr>
<th>Module</th>
<th>m</th>
<th>Gear heat treatment requirements</th>
<th>Date</th>
<th>Approve</th>
<th>Check</th>
</tr>
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<tbody>
<tr>
<td>Teeth no</td>
<td>z</td>
<td>Precision(GB10095-88)</td>
<td></td>
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<tr>
<td>Tooth pressure angle</td>
<td>α</td>
<td></td>
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<tr>
<td>Modulation coefficient</td>
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<td></td>
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<tr>
<td>Reduction coefficient</td>
<td>km</td>
<td></td>
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<tr>
<td>Pitch diameter</td>
<td>d</td>
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</table>

**Design**

- Inner ring mounting hole: 24, φ20
- Outer ring mounting hole: 24, φ20
- Oil hole: 4, M10×1

**Check**

- Axial clearance: 0.06～0.30
- Radial clearance: 0.06～0.30

**Model**

- HSB, 30, 880

**Material**

- 50Mn

**Weight**

- 230kg

**Notes:**

1. Raceway of Inner & outer ring Induction hardened, hardness: 55～62HRC
   - Depth ≥ 3.5mm
2. Inner & outer ring quenched & tempered, hardness: 207～262HB

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Technical processing standards without notes according to: GB12241-2001

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