### Gear Data

<table>
<thead>
<tr>
<th>Module</th>
<th>m</th>
<th>8</th>
<th>Gear heat treatment requirements</th>
<th>HRC</th>
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</thead>
<tbody>
<tr>
<td>Gear number</td>
<td>z</td>
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</tr>
<tr>
<td>Tooth pressure angle</td>
<td>a</td>
<td>20°</td>
<td>Precision (GB10095-88)</td>
<td>10</td>
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<tr>
<td>Module correction factor</td>
<td>x</td>
<td>+0.5</td>
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<tr>
<td>Reduction coefficients</td>
<td>km</td>
<td>0.8</td>
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<tr>
<td>Pitch diameter</td>
<td>d</td>
<td>1040</td>
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<table>
<thead>
<tr>
<th>Design</th>
<th>Check</th>
<th>Qty</th>
<th>Size</th>
<th>Hole dimension</th>
<th>Radial dimension</th>
<th>0.06–0.30</th>
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<tbody>
<tr>
<td>Inner ring mounting hole</td>
<td>30</td>
<td>Φ22</td>
<td></td>
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<tr>
<td>Outer ring mounting hole</td>
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<td>Φ22</td>
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<tr>
<td>Oil hole</td>
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<td>M10×1</td>
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### Notes:
1. Raceway of Inner & outer ring induction hardened, hardness: 55~62HRC
   Depth ≥ 3.5mm
2. Inner & outer ring quenched & tempered, hardness: 207~262HB

### Model
- **Model**: 01140900
- **Weight**: 240kg
- **Material**: 50Mn

### Technical Data
- Machine tolerances without notes
  - ±0.02
  - ±0.05
  - ±0.1

### Xuzhou Wanda Slewing Bearing Co., Ltd
- Tel: +86 516 83309366
- Fax: +86 516 83915766
- http://www.slewing-bearing.com