**Heat-Resistant Grease Filled Ball Bearings**

**Max Operating Temperature 160°C**

**Part Number**

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<thead>
<tr>
<th>Part Number</th>
<th>d</th>
<th>D</th>
<th>B</th>
<th>r</th>
<th>Basic Load Rating</th>
<th>Allowable Rotational Speed (rpm)</th>
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</table>

**Grease Performance & Operating Environment**

- **Temperature**
  - Operating Temperature:
    - **Max Operating Temperature:** 160°C
    - **Operating Temperature:** *Except Inner Diameter*

- **Grease Type**
  - Regular Grease: Lithium Soap
  - Heat-Resistant Grease Filled: PTFE Thickener

- **Base Oil**
  - Mineral Oil
  - Fluorinated Oil

- **Viscosity**
  - Viscosity (cSt): 220°C

- **Operating Temperature**
  - **Operating Temperature:** -40–+120°C
  - **Operating Temperature:** 160°C

**Features**

- **Set Screw**
  - Set screw fastens the inner race to the shaft, eliminating the need for a bearing lock nut.

**Bearings with Set Screw Shaft Sleeve**

**Maximum Load**

- Dynamic Load: kgf=N×0.101972
- **Max Operating Temperature**
  - 160°C

**Material**

- Steel Equivalent: 57–63 HRC
- **304 Stainless Steel**
- **440C Stainless Steel**

**Designation**

- **Series**
  - T66
  - T86
  - TB6

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