



H.E. Supplies Pty Ltd

**Hobby Supplies
Engineering Supplies**

ABN 54 125 001 541



**Bearing Noise
Levels**

**3239 Old Cleveland Road Capalaba West Queensland 4157
Phone: 07 3245 7977 Fax 07 3245 1017**

Bearing Noise Levels

The noise levels of bearings depend essentially on the following factors

- geometric precision and quality of the tracks and balls
- cleanliness of the bearings and the lubricant
- precision with which the play is taken up when mounting the bearings
- value and direction of loads
- rotation speed

Some steps that can be taken in selection of bearings for low noise applications include

- Select a high precision bearing
- Increase the viscosity of the lubricant used
- Select standard clearance (too high clearance can result in impact contacting of the balls on the races, whilst too low clearance may result in squealing due to binding).

For more information

<http://www.hobbyparts.com.au/technical/bearings/>

