

FR161 Low-Friction Lead-free Resin Bearing

Bearings are widely used for different types of sliding motions, and are required to be lead-free for better consideration of the environment.

We have taken this on board and made bearings that are without lead. FR161 is an improvement in both abrasion-resistance and low-friction under either fluid or boundary lubrication conditions.



1. Environmental-Friendly

It is completely lead-free in both resin and metal layers.

2. Best Under Fluid Conditions

Suitable for:
gear pumps, power steering pumps, etc.

3. Enhanced Surface Layer

Reinforcing fiber is employed to strengthen the surface layer.

The reinforcing fiber helps it to be better in both abrasion-resistance and low-friction.

STRUCTURE

This is a triple layered material, which contains sintered bronze powder and reinforced fiber with PTFE on a steel back plate.

