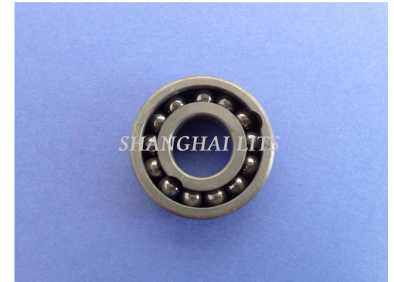


Silicon Nitride Ceramic Ball Bearing without Retainer

This ceramic ball bearing features inner and outer rings made of silicon nitride. It has a full complement of balls and no retainer.



Product Overview

High-Performance Silicon Nitride Bearings

This silicon nitride (Si₃N₄) ceramic ball bearing is engineered for the most demanding industrial environments. The specialized retainer-less design maximizes the ball count, significantly increasing load capacity while reducing friction for smoother operation. These bearings are an ideal solution for applications requiring exceptional high-speed performance, superior temperature resistance, and robust corrosion protection.

Technical Specifications

Performance Advantages

- Increased load capacity due to higher ball count
- Reduced friction during operation
- Enhanced durability in harsh environments

Material

Silicon Nitride (Si₃N₄)

Key Design Features

Retainer-less, High-Speed, Corrosion Resistant, High-Temperature Resistant