



CKA Birla Group

Low Noise Low Vibration (EMQ) Bearings

Quiet confidence in every rotation

Low Noise Deep Groove Ball Bearings are designed to help machines run smoothly with minimal vibration and sound. With refined geometry, smooth raceways, and special low-noise lubrication, these bearings offer stable, silent, and long-lasting performance. They are ideal for applications where quiet operation and efficiency are essential.

Key Features Ultra-Low Noise Performance



Ultra-Low Noise Performance

Special raceway finishing and precision ball grading significantly reduce operational noise, making them ideal for electric motors and pumps operating in noise-sensitive environments.

Reduced Vibration Levels

Optimized internal geometry and strict manufacturing tolerances minimize vibration, resulting in smoother operation and longer component life.

High Speed Capability

Designed to perform reliably in high-speed applications, ensuring stable operation even under demanding conditions.

Superior Surface Finish

Advanced grinding and polishing processes ensure excellent raceway surface finish, reducing friction and wear.

Consistent Quality

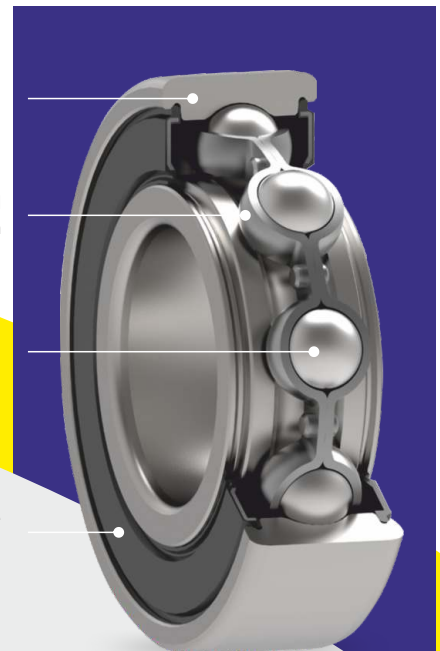
Manufactured under strict quality control standards, ensuring uniform performance across every bearing.

High quality
surface finish

Tighter accuracies and
controlled vibration

Optimized
internal geometry

Low noise
lubrication



Benefits to Customers

- ✓ Quieter Equipment Operation
- ✓ Longer Bearing Life
- ✓ Reduced Maintenance & Downtime
- ✓ Reliable Performance in High-Speed Applications

Applications

- ✓ Electric Motors
- ✓ HVAC & Ventilation systems
- ✓ Home appliances
- ✓ Medical & Laboratory equipment
- ✓ EV components
- ✓ Robotics and precision equipment

Range Availability



Bearing No	Cage Material	Open Bearing	With Rubber Seals	With Metallic Shields
6000	Polyamide	Available on Request	Available Right Now	Available Right Now
6001	Steel	Available on Request	Available Right Now	Available Right Now
6002	Polyamide	Available on Request	Available Right Now	Available on Request
6003	Steel	Available Right Now	Available Right Now	Available on Request
6004	Steel	Available on Request	Available on Request	Available on Request
6005	Steel	Available on Request	Available Right Now	Available Right Now
6008	Steel	Available Right Now	Available on Request	Available Right Now
6009	Steel	Available on Request	Available on Request	Available Right Now
6200	Steel	Available on Request	Available on Request	Available Right Now
6201	Steel	Available on Request	Available Right Now	Available Right Now
6202	Steel	Available on Request	Available Right Now	Available Right Now
6203	Steel	Available on Request	Available Right Now	Available Right Now
6204	Steel	Available on Request	Available Right Now	Available Right Now
6205	Steel	Available Right Now	Available Right Now	Available Right Now
6206	Steel	Available Right Now	Available Right Now	Available Right Now
6207	Steel	Available on Request	Available Right Now	Available Right Now
6208	Steel	Available on Request	Available on Request	Available Right Now
6209	Steel	Available on Request	Available on Request	Available Right Now
6210	Steel	Available on Request	Available on Request	Available Right Now
6212	Steel	Available on Request	Available on Request	Available Right Now
6213	Steel	Available on Request	Available Right Now	Available Right Now
6214	Steel	Available Right Now	Available Right Now	Available Right Now
6215	Steel	Available Right Now	Available Right Now	Available Right Now

Bearing No	Cage Material	Open Bearing	With Rubber Seals	With Metallic Shields
6216	Steel	Available Right Now	Available on Request	Available Right Now
6217	Steel	Available Right Now	Available on Request	Available on Request
6218	Steel	Available Right Now	Available on Request	Available on Request
6219	Steel	Available Right Now	Available on Request	Available on Request
6220	Steel	Available Right Now	Available on Request	Available on Request
6303	Steel	Available on Request	Available on Request	Available Right Now
6304	Steel	Available on Request	Available Right Now	Available Right Now
6305	Steel	Available on Request	Available Right Now	Available Right Now
6306	Steel	Available on Request	Available Right Now	Available Right Now
6307	Steel	Available on Request	Available Right Now	Available Right Now
6308	Steel	Available on Request	Available Right Now	Available Right Now
6309	Steel	Available on Request	Available Right Now	Available Right Now
6310	Steel	Available on Request	Available on Request	Available Right Now
6311	Steel	Available Right Now	Available Right Now	Available on Request
6312	Steel	Available on Request	Available on Request	Available Right Now
6313	Steel	Available on Request	Available on Request	Available Right Now
6314	Steel	Available Right Now	Available Right Now	Available Right Now
6315	Steel	Available Right Now	Available Right Now	Available Right Now
6316	Steel	Available Right Now	Available Right Now	Available Right Now
6317	Steel	Available Right Now	Available Right Now	Available Right Now
6318	Steel	Available Right Now	Available Right Now	Available Right Now
6319	Steel	Available Right Now	Available on Request	Available Right Now
6320	Steel	Available Right Now	Available on Request	Available on Request

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Available on Request
Available Right Now

*Availability may change in future

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