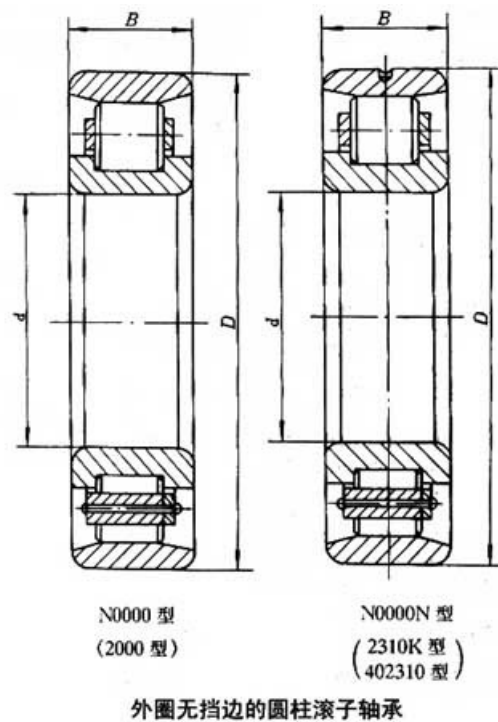


N206EM



Technical sheet of N206EM

What are the Benefits of choosing N206EM bearings?

- **High radial load capacity:** The rollers and raceways have line contact, resulting in a rated radial load significantly higher than that of ball bearings of the same size.
- **Good high-speed performance:** Generally employs machined or stamped cages, resulting in low friction and suitability for high-speed operation.
- **High rigidity:** Minimal elastic deformation effectively supports the shaft and housing, improving the rigidity of the transmission system.
- **Separable design:** The inner ring (with roller cage) is separable from the outer ring, facilitating installation, disassembly, and maintenance.
- **Axial displacement adaptability:** Types without inner ring flanges (such as NU and N types) allow for free axial expansion and contraction of the shaft relative to the housing, addressing thermal expansion issues.
- **Compact structure:** Small cross-sectional height saves radial space.

Type :	Single row cylindrical roller bearings	
Model :	N206EM	
Old Code :	2203EH	
Main demensions :	30 mm × 62 mm × 16 mm	Bore Dia × Outside Dia × Width Dia
M kg:	0.24	Mass

HS Code :	8482500090	Bearing customs code
d mm:	30	inner ring diameter
D mm:	62	Outer ring diameter
B(T) mm:	16	Overall Width

Detailed parameters and installation dimensions:

Part Number: N206EM Rollway

Technical description (EM): E=Increased Load Capacity. M=Machined Brass Cage, Located On The Rolling Elements.

Bearing Type: Cylindrical Roller Bearings, Single Row

Bearing Size (metric): Bore Dia. (d): 30 mm X Outer dia. (D): 62 mm X Width (B): 16 mm or Size: 30 mm * 62 mm * 16 mm

Original Equipment Manufacture(OEM NO.): N206EM

Bore: C (Cylindrical Bore)

Seals Type: No Seal

Cage Design: M (Brass Cage)

Radial internal clearance: Cn (Normal Internal clearance)

Precision Rating: Standard class precision

Thermal Stability: No Thermal Stability - Temperatures up to 120°C

What are the applications of the N206EM bearing?

- **Electric Motors and Generators:** Support high speeds and reduce frictional temperature rise.
- **Gearboxes:** Withstand high radial loads and improve transmission rigidity.
- **Pumps and Compressors:** Ensure stable rotor operation and extend service life.
- **Metallurgical Equipment:** Resistant to heavy loads and impacts, adaptable to high-temperature conditions.
- **Mining Machinery:** Resistant to vibration and dust, maintaining continuous operation.
- **Wind Power Equipment:** Reliably transmits torque and adapts to variable speed and load conditions.
- **Rail Transportation:** Withstands heavy vehicle loads and ensures safe operation.
- **Machine Tools:** Provides high-rigidity support to ensure machining accuracy.
- **Paper Machinery:** Maintains roller stability and improves paper quality.
- **Conveying Equipment:** Bears continuous loads and reduces downtime for maintenance.

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