

22218KM C3 W33 RCC



Technical sheet of 22218KM C3 W33 RCC

What are the Benefits of choosing 22218KM C3 W33 RCC bearings?

- **Self-aligning:** Allows for significant angular errors or shaft deflection between the shaft and bearing housing, effectively compensating for installation errors and shaft deformation.
- **High load capacity:** Featuring a double-row roller structure, it boasts extremely high radial load capacity while also withstanding certain bidirectional axial loads.
- **Adaptable to vibration applications:** Performs excellently under impact and vibration loads, exhibiting good durability.
- **Easy installation:** Models with tapered bores are typically available, allowing for convenient installation at any position on different optical shafts using adapter sleeves or withdrawal sleeves.

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|--------------------------|------------------------------------|------------------------------------|
| Type : | Spherical Roller Bearings | |
| Model : | 22218KM C3 W33 RCC | |
| Main demensions : | 90 mm × 160 mm × 40 mm | Bore Dia × Outside Dia × Width Dia |
| M kg: | 3.2 | Mass |
| HS Code : | 8482300000 | Bearing customs code |
| d mm: | 90 | inner ring diameter |
| D mm: | 160 | Outer ring diameter |
| B(T) mm: | 40 | Overall Width |

Detailed parameters and installation dimensions:

Part Number: 22218KM C3 W33 RCC China

Technical description (KM C3 W33): K=Tapered Bore, Taper 1:12. M=Machined Brass Cage, Located On The Rolling Elements. C3=Internal Clearance Larger Than Normal. W33=Lubrication Groove And 3 Holes In Bearing Outer Ring.

Bearing Type: Double row spherical roller bearings

Bearing Size (metric): Bore Dia. (d): 90,00 mm X Outer dia. (D): 160,00 mm X Width (B): 40,00 mm or Size: 90,00 mm * 160,00 mm * 40,00 mm

Original Equipment Manufacture(OEM NO.): 22218KM C3 W33

Bore: K (Tapered Bore (Taper 1:12), Standard for Most Types)

Lubrication designation: W33 (Lubrication Groove and Three Holes)

Seals Type: No Seal

Cage Design: M (Brass Cage)

Radial internal clearance: C3 Internal clearance (Higher than Normal)

Precision Rating: Standard class precision

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

Vibrating screen special performance: No

What are the applications of the 22218KM C3 W33 RCC bearing?

- **Mining/Metallurgy/Cement:** Used in crushers and vibrating screens. Impact resistant, withstands extreme heavy loads, and adaptable to harsh environments.
- **Paper/Steel:** Used in rolling mills and roller conveyors. Automatic self-aligning compensation effectively addresses shaft deflection or misalignment.
- **Industrial Transmission:** Used in speed reducers and fans. Smooth operation, long service life, and withstands complex composite loads.

Tradebearing(TBS): <https://en.tradebearings.com/>

Email: admin@tradebearings.com

Whatsapp/Mob.: +86 15906428604