

22217CA C3 W33



Technical sheet of 22217CA C3 W33

What are the Benefits of choosing 22217CA C3 W33 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.

Type :	Spherical Roller Bearings	
Model :	22217CA C3 W33	
Main demensions :	85 mm × 150 mm × 36 mm	Bore Dia × Outside Dia × Width Dia
M kg:	2.6	Mass
HS Code :	8482300000	Bearing customs code
d mm:	85	inner ring diameter
D mm:	150	Outer ring diameter
B(T) mm:	36	Overall Width

Detailed parameters and installation dimensions:

Part Number: 22217CA C3 W33 UBC

Technical description (CA C3 W33): CA=Symmetrical reinforced roller, one-piece brass retainer. C3=Larger clearance than C0. W33=A lubricating groove and three lubricating holes on the outer ring.

Bearing Type: Double row spherical roller bearings

Bearing Size (metric): Bore Dia. (d): 85 mm X Outer dia. (D): 150 mm X Width (B): 36 mm or Size: 85 mm * 150 mm * 36 mm

Original Equipment Manufacture(OEM NO.): 22217CA C3 W33

Bore: C (Cylindrical Bore)

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 22217CA C3 W33 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.

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