

22214RH W33



Technical sheet of 22214RH W33

What are the Benefits of choosing 22214RH 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 :	22214RH W33	
Main demensions :	70 mm × 125 mm × 31 mm	Bore Dia × Outside Dia × Width Dia
M kg:	1.52	Mass
HS Code :	8482300000	Bearing customs code
d mm:	70	inner ring diameter
D mm:	125	Outer ring diameter
B(T) mm:	31	Overall Width

Detailed parameters and installation dimensions:

Part Number: 22214RH W33 Koyo

Technical description (RH W33): RH=With Convex Symmetric Rollers And Pressed Cage. W33=Lubrication Groove And 3 Holes In Bearing Outer Ring.

Bearing Type: Double row spherical roller bearings

Bearing Size (metric): Bore Dia. (d): 70 mm X Outer dia. (D): 125 mm X Width (B): 31 mm or Size: 70 mm * 125 mm * 31 mm

Original Equipment Manufacture(OEM NO.): 22214RH W33

Bore: C (Cylindrical Bore)

Lubrication designation: W33 (Lubrication Groove and Three Holes)

Seals Type: No Seal

Cage Design: S (Steel or Standard Cage)

Radial internal clearance: Cn (Normal Internal clearance)

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 22214RH 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.

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

Email: admin@tradebearings.com

Whatsapp/Mob.: +86 15906428604