

3315A-2Z/C3MT33



Technical sheet of 3315A-2Z/C3MT33

What are the Benefits of choosing 3315A-2Z/C3MT33 bearings?

- **Bidirectional Load Capacity:** A single bearing can simultaneously withstand bidirectional axial and radial loads, eliminating the need for paired installation.
- **High Rigidity and Anti-Overturning:** A large contact angle design effectively resists tilting moments, ensuring shaft system stability.
- **Compact Structure:** Occupies minimal axial space, simplifying housing design and facilitating installation.

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|--------------------------|--|------------------------------------|
| Type : | Double row angular contact ball bearings | |
| Model : | 3315A-2Z/C3MT33 | |
| Main demensions : | 75 mm × 160 mm × 68 mm | Bore Dia × Outside Dia × Width Dia |
| M kg: | 5.292 | Mass |
| HS Code : | 8482103000 | Bearing customs code |
| d mm: | 75 | inner ring diameter |
| D mm: | 160 | Outer ring diameter |
| B(T) mm: | 68 | Overall Width |

Detailed parameters and installation dimensions:

Part Number: 3315A-2Z/C3MT33

Technical description (A-2Z/C3MT33): A=Double Row Angular Contact Ball Bearing Without Filling Slots. 2Z=Shield Of Pressed Sheet Steel On Both Sides Of The Bearing. C3=Internal Clearance Larger Than Normal. MT33=Lithium Grease, Medium Temp. 74 cSt @ 40°C, -30°C/+120°C, A Two-Figure Number Following MT Identifies The Actual Grease. An Additional Letter Or Letter/Figure Combination As Mentioned Under "HT"

Identifies Filling Degrees Other Than Standard. Examples: MT33 Or MT37F9.

The equivalents designations: 7316571822006

Bearing Type: Angular Contact Ball Bearings, Double Row

Bearing Size(metric): Inner dia. (d): 75 mm X Outer dia. (D): 160 mm X Width (B): 68,3 mm or Size: 75 mm * 160 mm * 68,3 mm

Original Equipment Manufacture(OEM NO.): 3315A-2Z/C3MT33

Bore: C (Cylindrical Bore)

Seals Type: ZZ/ZZ (Steel Material Seals on both sides)

Cage Design: S (Steel or Standard Cage)

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

Precision Rating: Standard class precision

Type of lubrication: Standard class lubrication

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

Split Innering / Outerring: Standard

What are the applications of the 3315A-2Z/C3MT33 bearing?

- **Gearboxes/Reducers:** Used in industrial gearboxes and planetary reducers. Withstands bidirectional composite loads, provides high rigidity support, and ensures smooth transmission.
- **Pumps/Compressors:** Used in centrifugal pumps, screw pumps, and refrigeration compressors. Precise axial positioning, compact structure, and space-saving installation.
- **Agitators/Worm Gear Drives:** Used in agitators, worm gear reducers, and machine tool indexing heads. Effectively resists tilting moments; a single bearing solves bidirectional axial positioning.

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

Email: admin@tradebearings.com

Whatsapp/Mob.: +86 15906428604