

3207A-2RS1/MT33



Technical sheet of 3207A-2RS1/MT33

What are the Benefits of choosing 3207A-2RS1/MT33 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.

Type :	Double row angular contact ball bearings	
Model :	3207A-2RS1/MT33	
Main demensions :	35 mm × 72 mm × 27 mm	Bore Dia × Outside Dia × Width Dia
M kg:	0.44	Mass
HS Code :	8482103000	Bearing customs code
d mm:	35	inner ring diameter
D mm:	72	Outer ring diameter
B(T) mm:	27	Overall Width

Detailed parameters and installation dimensions:

Part Number: 3207A-2RS1/MT33

Technical description (A-2RS1/MT33): A=Double Row Angular Contact Ball Bearing Without Filling Slots. 2RS1=Sheet Steel Reinforced Contact Seal Of Acrylonitrile-Butadiene Rubber (NBR) On Both Sides Of The Bearing. 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 equivalent designations: 7316571821320

Bearing Type: Angular Contact Ball Bearings, Double Row

Bearing Size(metric): Inner dia. (d): 35 mm X Outer dia. (D): 72 mm X Width (B): 27 mm or Size: 35 mm * 72 mm * 27 mm

Original Equipment Manufacture(OEM NO.): 3207A-2RS1/MT33

Bore: C (Cylindrical Bore)

Seals Type: 2RS (Rubber Seal on Both Sides)

Cage Design: S (Steel or Standard Cage)

Radial internal clearance:Cn Normal Internal

Precision Rating: Standard class precision

Type of Lubrication: M - Grease with Lithium Thickener

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

Split Innering / Outerring: Standard

What are the applications of the 3207A-2RS1/MT33 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.

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