

## 3204A-2RS1TN9/W64



### Technical sheet of 3204A-2RS1TN9/W64

#### What are the Benefits of choosing 3204A-2RS1TN9/W64 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.

<b>Type :</b>	Double row angular contact ball bearings	
<b>Model :</b>	<a href="#">3204A-2RS1TN9/W64</a>	
<b>Main demensions :</b>	20 mm × 47 mm × 21 mm	Bore Dia × Outside Dia × Width Dia
<b>M kg:</b>	0.15	Mass
<b>HS Code :</b>	8482103000	Bearing customs code
<b>d mm:</b>	20	inner ring diameter
<b>D mm:</b>	47	Outer ring diameter
<b>B(T) mm:</b>	21	Overall Width

#### Detailed parameters and installation dimensions:

Part Number: 3204A-2RS1TN9/W64

Technical description (A-2RS1TN9/W64): 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. TN9=Injection Moulded Snap-Type Cage Of Glass Fibre Reinforced Polyamide 6,6, Ball Centered. W64=(Segment Lubrication, Code 1)=Solid Oil Filling.

The equivalent designations: 7316571079981

Bearing Type: Angular Contact Ball Bearings, Double Row

Bearing Size(metric): Inner dia. (d): 20 mm X Outer dia. (D): 47 mm X Width (B): 20,6 mm or Size: 20 mm \* 47 mm \* 20,6 mm

Original Equipment Manufacture(OEM NO.): 3204A-2RS1TN9/W64

Bore: C (Cylindrical Bore)

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

Cage Design: P (Plastic Molded Cage)

Radial internal clearance:Cn Normal Internal

Precision Rating: Standard class precision

Type of lubrication: Filled Solid Grease

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

Split Innering / Outerring: Standard

### **What are the applications of the 3204A-2RS1TN9/W64 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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