

6001-12.7.2ZR



Technical sheet of 6001-12.7.2ZR

What are the Benefits of choosing 6001-12.7.2ZR bearings?

- **Versatile Load Bearing:** Capable of simultaneously withstanding radial and bidirectional axial loads, suitable for high-speed and ultra-high-speed applications.
- **Low Friction and Long Life:** Optimized contact between the raceway and steel balls results in an extremely low coefficient of friction, minimal heat generation, and a long service life.
- **High Speed Capability:** Due to high operational precision, it allows for very high maximum speeds.
- **Low Maintenance Costs:** Can be designed with dust covers or sealing rings for lifetime lubrication, requiring no routine maintenance.
- **Rigid and Quiet Operation:** Provides a certain level of rotational stiffness while maintaining low operating noise and vibration levels.

Type :	Single row deep groove ball bearings	
Model :	6001-12.7.2ZR	
Main demensions :	12.7 mm × 28 mm × 8 mm	Bore Dia × Outside Dia × Width Dia
HS Code :	8482102000	Bearing customs code
d mm:	12.7	inner ring diameter
D mm:	28	Outer ring diameter
B(T) mm:	8	Overall Width

Detailed parameters and installation dimensions:

Part Number: 6001-12,7.2ZR

Technical description (2ZR): 2ZR=(2Z-SKF)=Two Metallic Shields.

Bearing Type: Deep Groove Ball Bearings, Single Row

Bearing Size (metric): Bore Dia. (d): 12,7 mm X Outer dia. (D): 28 mm X Width (B): 8 mm or Size: 12,7 mm * 28 mm * 8 mm

Original Equipment Manufacture(OEM NO.): 6001-12,7.2ZR
Bore: C (Cylindrical Bore)
Seals Type: ZZ/ZZ (Steel Material Seals on both sides)
Cage Design: S (Steel or Standard Cage)
Radial internal clearance: Cn (Normal Internal clearance)
Precision Rating: Standard class precision
Type of lubrication: Standard class lubrication
Thermal Stability: No Thermal Stability - Temperatures up to 120°C

What are the applications of the 6001-12.7.2ZR bearing?

- **Motors/Electrical Appliances:** Used in motors and home appliances. Ensures smooth high-speed operation and low noise.
- **Automotive Industry:** Used in generators and gearboxes. Suitable for medium loads and offers high reliability.
- **General Machinery:** Used in pumps, fans, and speed reducers. Low friction, maintenance-free, and long service life.

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