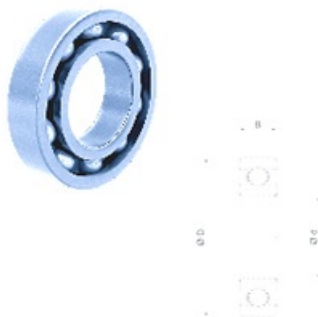


6303/15-2RS



Technical sheet of 6303/15-2RS

What are the Benefits of choosing 6303/15-2RS 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 :	6303/15-2RS	
Main demensions :	15 mm × 47 mm × 14 mm	Bore Dia × Outside Dia × Width Dia
M kg:	0.122	Mass
HS Code :	8482102000	Bearing customs code
d mm:	15	inner ring diameter
D mm:	47	Outer ring diameter
B(T) mm:	14	Overall Width

Detailed parameters and installation dimensions:

d: 15 mm
D: 47 mm
B: 14 mm

C: 14 mm

Part Number: 6303/15 2RS KBC FAG Hanwha

Technical description (2RS): 2RS=Rubber Seals At Each Side Of The Bearing.

Bearing Type: Deep Groove Ball Bearings, Single Row

Bearing Size (metric): Bore Dia. (d): 15 mm X Outer dia. (D): 47 mm X Width (B): 14 mm or Size: 15 mm * 47 mm * 14 mm

Original Equipment Manufacture(OEM NO.): 6303/15 2RS

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 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 6303/15-2RS 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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