

Z-545312.01.RDL-G1



Technical sheet of Z-545312.01.RDL-G1

What are the Benefits of choosing Z-545312.01.RDL-G1 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 :	Z-545312.01.RDL-G1	
Main demensions :	30 mm × 60 mm × 37 mm	Bore Dia × Outside Dia × Width Dia
M kg:	0.409	Mass
HS Code :	8482103000	Bearing customs code
d mm:	30	inner ring diameter
D mm:	60	Outer ring diameter
B(T) mm:	37	Overall Width

Detailed parameters and installation dimensions:

Part Number: Z-545312.01.RDL-G1

Technical description (RDL-G1): RDL= G1=

Bearing Type: Angular Contact Ball Bearings, Double Row

Details from design: Wheel bearing unit

Bearing Size(metric): Inner dia. (d): 30,00 mm X Outer dia. (D): 60,00 mm X Width (B): 37,00 mm or Size: 30,00 mm * 60,00 mm * 37,00 mm

Original Equipment Manufacture(OEM NO.): Z-545312.01.RDL-G1

Bore: C (Cylindrical Bore)

Seals Type: No Seal

Cage Design: S (Steel or Standard Cage)

Radial internal clearance:Cn Normal Internal

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 Z-545312.01.RDL-G1 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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