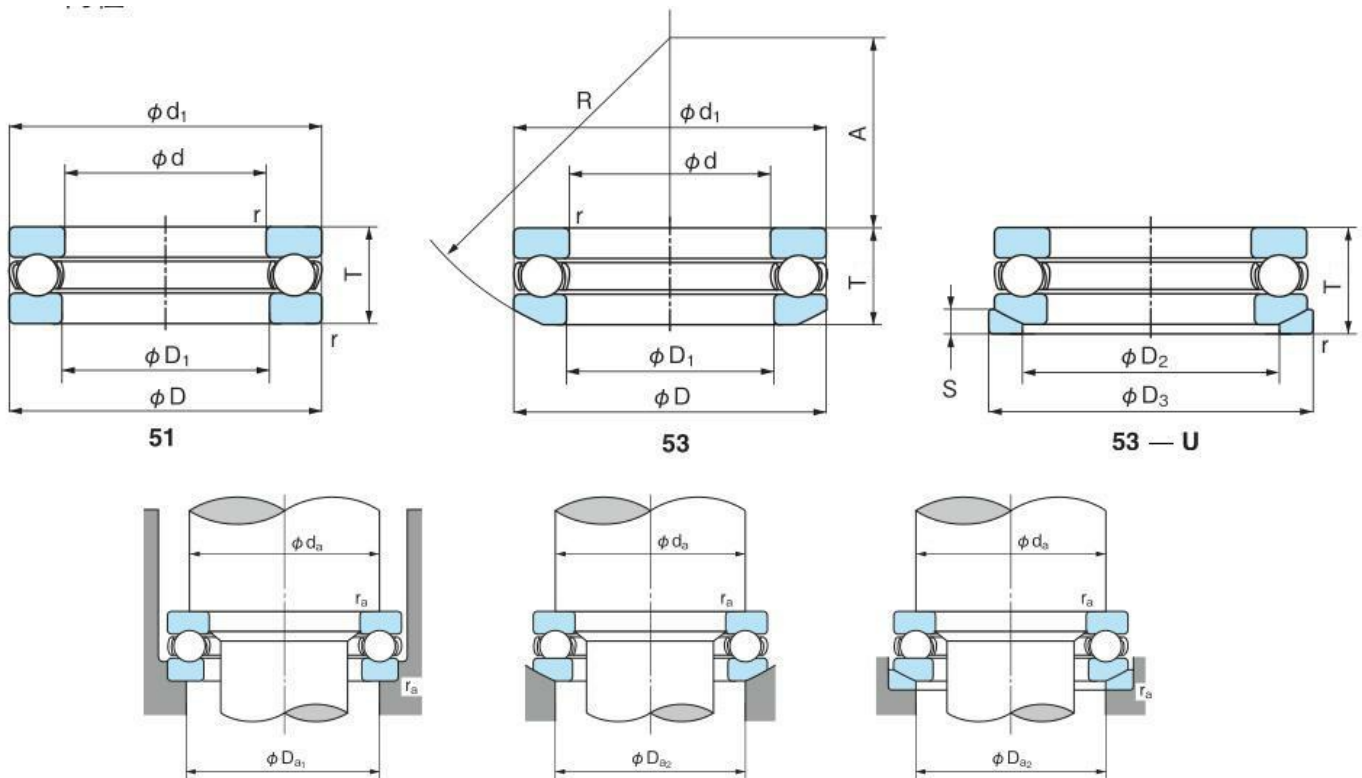


53236U



Technical sheet of 53236U

What are the Benefits of choosing 53236U bearings?

- **Specifically designed to withstand axial forces:** Designed to handle unidirectional or bidirectional axial loads, but not radial forces.
- **Supports high-speed operation:** Point contact design results in low friction and minimal heat generation, allowing for higher speeds.
- **Easy to install and detach:** The shaft and seat can be installed separately for convenient maintenance.
- **Saves axial space:** Compact structure, suitable for applications with limited installation space.

Type :	Single direction thrust ball bearings	
Model :	53236U	
Old Code :	18236	
Main dimensions :	180 mm × 250 mm × 66 mm	Bore Dia × Outside Dia × Width Dia
M kg:	10.5	Mass
HS Code :	8482104000	Bearing customs code
d mm:	180	inner ring diameter

D mm:	250	Outer ring diameter
B(T) mm:	66	Overall Width
Cr kN:	294	Radial dynamic load rating
C0r kN:	986	Radial static load rating
Grease r/min:	810	Reference speed
Oil r/min:	1200	Limiting speed

Detailed parameters and installation dimensions:

r(min): 1.5 mm, Ca: 266000 N, Coa: 875000 N, D1(min): 183 mm, d1(max): 247 mm, D2: 210 mm, D3: 260 mm, S: 21.5 mm, da(min): 222 mm, Da2(max): 210 mm, ra(max): 1.5 mm

Part Number: 53236U NSK

Technical description (U): U=Thrust Ball Bearing, With Spherical Housing Washer And Seating Washer.

Bearing Type: Thrust Ball Bearings, Single Direction

Bearing Size (metric): Inner dia. (d): 180,00 mm X Outer dia. (D): 250,00 mm X Thickness (B or T): 66,00 mm
or Size: 180,00 mm * 250,00 mm * 66,00 mm

Original Equipment Manufacture(OEM NO.): 53236U

Cage Design: S (Steel or Standard Cage)

Precision Rating: Standard class precision

What are the applications of the 53236U bearing?

- **Automotive Industry:** Used in clutches, steering gears, and transmissions to ensure smooth and flexible shifting and steering.
- **Electric Motors and Tools:** Used in vertical motors, power tools, and speed reducers to support the rotor's weight and axial load, improving rotational stability.
- **Light Industrial Machinery:** Used in textile equipment, packaging machinery, and food processing machinery to provide stable axial support, ensuring reliable operation and a compact structure.

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