

NA4919UU Needle Roller Bearing

95x130x35mm

The NA4919UU needle roller bearing is designed for high load capacity and smooth operation. Its design minimizes friction, contributing to energy efficiency and extended service life.



Overview

Precision Needle Roller Bearing

The NA4919UU is a high-performance needle roller bearing designed for applications where space is limited but high radial load capacity is essential. Featuring a robust outer ring and precision-engineered needle rollers, this component ensures smooth operation and reduced friction in demanding industrial machinery. It is an ideal solution for gearboxes and transmissions, offering durability and reliable performance under heavy loads.

Dimensions

Bore Diameter (d)	95 mm
Outer Diameter (D)	130 mm
Width (B)	35 mm
Inner Ring Width (C)	36 mm

Performance Metrics

Load Ratings

109000 N

Dynamic Load Rating (C)

250000 N

Static Load Rating (Co)

Allowable Speed 1700 rpm

Technical Details

Mounting Dimensions

Parameter	Value	Unit
Min. Shaft Diameter (da/min)	101.5	mm
Min. Housing Diameter (da/min)	108	mm
Max. Housing Diameter (Da/max)	123.5	mm

Features With Inner Ring, High Load Capacity, Needle Roller

Physical Properties

Weight 1420 g