

# Radial Needle Roller Cage Assembly

Radial needle roller and cage assemblies are designed for applications requiring high load capacity and reduced space. These assemblies consist of precision-ground needle rollers held in place by a cage, ensuring proper roller spacing and guidance.



## ADDITIONAL IMAGES



## Product Overview

### Radial Needle Roller and Cage Assemblies

These radial needle roller and cage assemblies are engineered for applications where radial space is limited but high load-carrying capacity is required. Consisting of precision-ground needle rollers held within a robust cage, these assemblies ensure optimal roller spacing, guidance, and even load distribution. They are ideal for high-performance industrial machinery, including transmissions, engines, and gearboxes, where they provide reliable support under heavy radial loads with minimal friction.

## Technical Features

### Key Performance Indicators

<b>1 High</b> Radial Load Capacity	<b>1 Low</b> Space Requirement	<b>1 Low</b> Friction Profile
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### Operational Suitability

Oscillating Motion, Rotating Motion, Reciprocating Motion

## Product Models

### Series Overview

- K Series (Single Row)
- K...D Series (Single Row)
- K...ZW Series (Double Row)
- K...ZWD Series (Double Row)
- KZ Series

### Typical Size Specifications

Model	Dimensions (mm)
K3X5X7	3 x 5 x 7
K10X13X16	10 x 13 x 16
K16X24X20	16 x 24 x 20
KZ22X28X16	22 x 28 x 16