

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

1 High

Radial Load Capacity

1 Low

Space Requirement

1 Low

Friction Profile

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