

Combined Needle Roller and Axial Cylindrical Roller Bearing

This combined bearing has an outer ring with radial and axial raceways, shaft locating washers, and an inner ring. It contains a radial needle roller and cage assembly along with axial cylindrical roller and cage assemblies.



Product Overview

Combined Needle and Axial Cylindrical Bearing

This high-performance ZARF3080-TV bearing is a combined unit featuring both radial needle rollers and axial cylindrical rollers. Designed for industrial machinery, it integrates an outer ring with specialized raceways, an inner ring, and precision cage assemblies. It offers robust support for simultaneous radial and axial loads, making it an ideal choice for high-precision machine tools and automation equipment.

Physical Dimensions

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30 mm

Bore Diameter

80 mm

Outer Diameter

50 mm

Depth (H)

0.85 KGS

Weight

Load Capacities

Load Ratings

Load Type	Dynamic (N)	Static (N)	Limit (N)
Axial	39000	101000	8400
Radial	24300	41500	5900

Performance

Limiting Speeds

- Oil Lubrication: 5500 r/min
- Grease Lubrication: 1800 r/min

Origin

Country of Origin

Slovakia