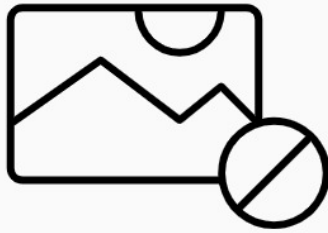


11505 ETN9 Self-aligning ball bearing with tapered bore and tapered sleeve 1:16 ratio



Self-aligning ball bearing with tapered bore and tapered sleeve 1:16 ratio

Self-aligning ball bearings, with 1:16 ratio tapered bore, have two rows of balls, a common sphered raceway in the outer ring and two deep uninterrupted raceway grooves in the inner ring. They are insensitive to angular misalignment of the shaft relative to the housing, which can be caused, for example, by shaft deflection. The tapered bore facilitates ease of mounting via the included adapter sleeve.

- Ease of mounting via adapter sleeves
- Accommodate static and dynamic misalignment
- Excellent high-speed performance
- Excellent light load performance
- Low friction

Overview

Dimensions

Bore diameter	26.7 mm
Outside diameter	52 mm
Width	15 mm

Performance

Basic dynamic load rating	14.3 kN
Basic static load rating	4 kN
Reference speed	20 000 r/min
Limiting speed	7 500 r/min

Properties

Retaining feature, inner ring	None
Locating feature, bearing outer ring	None
Number of rows	2
Bore type	Tapered 1:16
Cage	Non-metallic
Radial internal clearance	CN
Tolerance class	Normal
Material, bearing	Bearing steel
Coating	Without
Sealing	Without
Lubricant	None

Relubrication feature

Without

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