

11505 ETN9

Self-aligning ball bearings

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

FEEDBACK

Product information

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	20000 r/min
Limiting speed	7500 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
Indicative product carbon footprint to manufacture	0.529 kg CO₂e

Logistics

EAN code	07316577041449
Pack code	12
Products per pack	1
Collecting pack quantity	5
Products per pallet	1080
Pack gross weight	0.154 kg
Pack length	65 mm
Pack height	67 mm
Pack width	29 mm
Pack volume	0.126 dm^3
Product net weight	0.147 kg
eClass code	23-05-08-06
UNSPSC code	31171532

FEEDBACK