



SKF KRE 19 PP

Cam follower (stud-type track roller) with eccentric collar, integral sealing and re

Cam followers (stud-type track rollers) are designed to run on all types of tracks and to be used in cam drives, conveyor systems, etc. They are based on a needle roller bearing with a threaded solid stud instead of an inner ring. The design includes an eccentric collar pressed onto the stud, and a thick-walled outer ring with a crowned running surface. The bearings are supplied sealed and ready-to-mount, and can be relubricated via the stud.

Technical specifications

Dimensions	
Outside diameter	19 mm
Attachment diameter	11 mm
Total length	32.2 mm
Width outer ring	11 mm
Length shank on stud	20 mm
Width locking collar	9.5 mm
Distance face outer ring to face side washer	0.6 mm
Outside diameter flange ring	13.9 mm
Thread stud	M8x1.25
Length thread	10 mm
Seat diameter for lubrication accessories	3 mm
Width across flats	4 mm
Eccentricity	0.5 mm
Functional outside diameter	19 mm
Stud diameter	11 mm
Length	32.2 mm
Width, outer ring	11 mm
Calculation data	
Basic dynamic load rating	3.3 kN
Basic static load rating	3.8 kN
Fatigue load limit	0.415 kN
Maximum dynamic radial loads	3.75 kN
Maximum static radial loads	5.4 kN
Limiting speed	5600 r/min
Mounting information	
Recommended tightening torque	8 N·m
Included products	
Grease fitting	NIP C3.2x5.2
Hexagonal nut	M 8x1.25
Performance	
Basic dynamic load rating	3.3 kN
Basic static load rating	3.8 kN
Limiting speed	5600 r/min
Properties	
Rolling elements	Needle rollers
Number of rows	1
Outer ring profile	Crowned
Stud alignment	Centric stud with eccentric collar
Number of flanges, outer ring	2
Feature for tightening	Hexagonal recess
Cage	With
Radial internal clearance	Between C2 and CN

Tolerance class	Other
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	Centre of stud head

Logistics	
Product net weight	0.0374 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

