



SKF KR 16 PP

Cam follower (stud-type track roller) with integral sealing and relubrication feature

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. They have a thick-walled outer ring with a crowned running surface and are supplied sealed and ready-to-mount. The bearings can be relubricated via the stud.

Technical specifications

Dimensions	
Outside diameter	16 mm
Attachment diameter	6 mm
Total length	28.2 mm
Width outer ring	11 mm
Length shank on stud	16 mm
Distance face outer ring to face side washer	0.6 mm
Outside diameter flange ring	11.8 mm
Thread stud	M6x1
Length thread	8 mm
Seat diameter for lubrication accessories	2 mm
Width across flats	3 mm
Functional outside diameter	16 mm
Stud diameter	6 mm
Length	28.2 mm
Width, outer ring	11 mm

Calculation data	
Basic dynamic load rating	2.92 kN
Basic static load rating	3.1 kN
Fatigue load limit	0.325 kN
Maximum dynamic radial loads	3.05 kN
Maximum static radial loads	4.3 kN
Limiting speed	6000 r/min

Mounting information	
Recommended tightening torque	3 N·m

Included products	
Grease fitting	NIP C2.6x4.5
Hexagonal nut	M 6x1

Performance	
Basic dynamic load rating	2.92 kN
Basic static load rating	3.1 kN
Limiting speed	6000 r/min

Properties	
Rolling elements	Needle rollers
Number of rows	1
Outer ring profile	Crowned
Stud alignment	Centric
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	0.021 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

