



SKF KR 30 PPX

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 cylindrical running surface and are supplied sealed and ready-to-mount. The bearings can be relubricated via the stud.

Technical specifications

Dimensions	
Outside diameter	30 mm
Attachment diameter	12 mm
Total length	40.2 mm
Width outer ring	14 mm
Length shank on stud	25 mm
Distance lubrication hole to flange ring	6 mm
Distance face outer ring to face side washer	0.6 mm
Outside diameter flange ring	22.4 mm
Thread stud	M12x1.5
Length thread	13 mm
Seat diameter for lubrication accessories	4 mm
Diameter of lubrication hole (shank)	3 mm
Width across flats	6 mm
Chamfer dimension	0.6 mm
Functional outside diameter	30 mm
Stud diameter	12 mm
Length	40.2 mm
Width, outer ring	14 mm

Calculation data	
Basic dynamic load rating	6.16 kN
Basic static load rating	8 kN
Fatigue load limit	0.915 kN
Maximum dynamic radial loads	8.65 kN
Maximum static radial loads	12.2 kN
Limiting speed	4500 r/min

Mounting information	
Recommended tightening torque	22 N·m

Included products	
Grease fitting	NIP B1.5x5
Hexagonal nut	M 12x1.5

Performance	
Basic dynamic load rating	6.16 kN
Basic static load rating	8 kN
Limiting speed	4500 r/min

Properties	
Rolling elements	Needle rollers
Number of rows	1
Outer ring profile	Cylindrical
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 each stud end and radial hole in stud shank

Logistics	
Product net weight	0.111 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

