



SKF 361203 R

Single row cam roller with crowned outer surface and seals on both sides

Single row cam rollers, with seals on both sides, are designed to run on all types of tracks and to be used in cam drives, conveyor systems, etc. They are based on a single-row deep groove ball bearing and have a thick-walled outer ring with a crowned running surface. They are supplied sealed and greased for the life of the bearing, and are ready-to-mount. The integral sealing can significantly prolong bearing service life because it keeps lubricant in the bearings and contaminants out.

Technical specifications

Dimensions	
Outside diameter	47 mm
Bore diameter	17 mm
Width	12 mm
Shoulder/recess diameter inner ring	24.5 mm
Recess diameter outer ring	35 mm
Profile running surface (crown) outer ring	400 mm
Chamfer dimension	0.6 mm
Functional outside diameter	47 mm

Calculation data	
Basic dynamic load rating	8.84 kN
Basic static load rating	4.25 kN
Fatigue load limit	0.18 kN
Maximum dynamic radial load	8.15 kN
Maximum static radial load	11.6 kN
Limiting speed	8500 r/min
Calculation factor	13.1

Performance	
Basic dynamic load rating	8.84 kN
Basic static load rating	4.25 kN
Limiting speed	8500 r/min

Properties	
Bearing part	Complete track roller
Rolling elements	Balls
Number of rows	1
Outer ring profile	Crowned
Axial guidance of outer ring	Yes
Number of flanges, outer ring	0
Cage	With
Radial internal clearance	C3
Tolerance class	Normal (except crowned running surface)
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	Without

Logistics	
Product net weight	0.109 kg
eClass code	23-05-08-01
UNSPSC code	31171504

SKF drawings

