



SKF NA 2205.2RS

Support roller (yoke-type track roller), without flange rings, with integral sealing

Support rollers (yoke-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 single row needle roller bearing with an inner ring and have a thick-walled outer ring with a crowned running surface. They are supplied sealed and are ready-to-mount. The inner ring contains a lubrication hole to facilitate relubrication. The inner ring can be mounted separately from the outer ring and roller and cage assembly.

Technical specifications

Dimensions	
Outside diameter	52 mm
Bore diameter	25 mm
Width outer ring	17.8 mm
Width inner ring	18 mm
Recess diameter outer ring shoulder	38 mm
Raceway diameter inner ring	30 mm
Chamfer dimension outer ring	1 mm
Chamfer dimension inner ring	0.3 mm
Functional outside diameter	52 mm
Width, total	18 mm
Width, outer ring	17.8 mm

Calculation data	
Basic dynamic load rating	16.8 kN
Basic static load rating	20 kN
Fatigue load limit	2.4 kN
Maximum dynamic radial load	17.3 kN
Maximum static radial load	24.5 kN
Limiting speed	3400 r/min

Performance	
Basic dynamic load rating	16.8 kN
Basic static load rating	20 kN
Limiting speed	3400 r/min

Properties	
Bearing part	Complete track roller
Rolling elements	Needle rollers
Number of rows	1
Outer ring profile	Crowned
Axial guidance of outer ring	Yes
Number of flanges, outer ring	2
Cage	With
Radial internal clearance	CN
Tolerance class	Other
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	With

Logistics	
Product net weight	0.195 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

