



SKF RNA 22/8.2RS

Support roller (yoke-type track roller), without flange rings and inner ring, with in

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 without an inner ring, intended for applications where hardened and ground raceways can be provided on the pin or shaft. They have a thick-walled outer ring with a crowned running surface and are supplied sealed and ready-to-mount.

Technical specifications

Dimensions	
Outside diameter	24 mm
Diameter under rollers	12 mm
Width	11.8 mm
Recess diameter outer ring shoulder	18 mm
Chamfer dimension outer ring	0.3 mm
Functional outside diameter	24 mm
Bore diameter	12 mm
Width, total	11.8 mm
Width, outer ring	11.8 mm

Calculation data	
Basic dynamic load rating	4.68 kN
Basic static load rating	4.55 kN
Fatigue load limit	0.54 kN
Maximum dynamic radial load	5.3 kN
Maximum static radial load	7.5 kN
Limiting speed	6700 r/min

Performance	
Basic dynamic load rating	4.68 kN
Basic static load rating	4.55 kN
Limiting speed	6700 r/min

Properties	
Bearing part	Track roller without inner ring
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	Not applicable
Tolerance class	Other
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	Without

Logistics	
Product net weight	0.0252 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

