



SKF NUTR 50110 A

Support roller (yoke-type track roller) with flange rings, integral sealing and relubrication.

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 double row full complement cylindrical roller bearing with an inner ring and have a thick-walled outer ring with an improved crowned running surface. They are supplied sealed and ready-to-mount. The inner ring contains a lubrication hole to facilitate relubrication.

Technical specifications

Dimensions	
Outside diameter	110 mm
Bore diameter	50 mm
Width outer ring	30 mm
Width inner ring	32 mm
Outside diameter flange ring	59.8 mm
Chamfer dimension outer ring	1.1 mm
Chamfer dimension flange ring bore	0.6 mm
Functional outside diameter	110 mm
Width, total	32 mm
Width, outer ring	30 mm

Calculation data	
Basic dynamic load rating	78.1 kN
Basic static load rating	116 kN
Fatigue load limit	14.3 kN
Maximum dynamic radial loads	98 kN
Maximum static radial loads	140 kN
Limiting speed	1600 r/min

Performance	
Basic dynamic load rating	78.1 kN
Basic static load rating	116 kN
Limiting speed	1600 r/min

Properties	
Bearing part	Complete track roller
Rolling elements	Cylindrical rollers
Number of rows	2
Outer ring profile	Crowned
Axial guidance of outer ring	Yes
Number of flanges, outer ring	2
Cage	Without
Radial internal clearance	Between C2 and CN
Tolerance class	Other
Material, bearing	Bearing steel
Coating	Without
Sealing	Seal on both sides
Sealing type	Labyrinth
Lubricant	Grease
Relubrication feature	With

Logistics	
Product net weight	1.69 kg
eClass code	23-05-09-03
UNSPSC code	31171512

SKF drawings

