

NUTR 45100 A

Popular item

Support rollers, with flange rings, with an inner ring

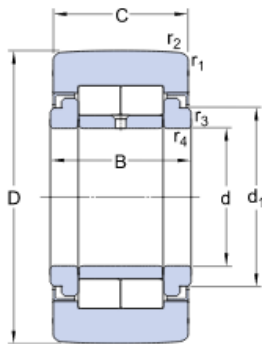
Bearing data

[Tolerances](#),
Normal, Other,
[Radial internal clearance](#),
table

Bearing interfaces

[Seat tolerances for standard conditions](#),
[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

D	100 mm
d	45 mm
C	30 mm
B	32 mm
d ₁	55.2 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 0.6 mm

CALCULATION DATA

Basic dynamic load rating	C	73.7 kN
Basic static load rating	C ₀	104 kN
Fatigue load limit	P _u	12.7 kN
Maximum dynamic radial loads	F _r	max. 80 kN
Maximum static radial loads	F _{0r}	max. 114 kN
Limiting speed		1700 r/min

MASS

Mass support roller

1.4 kg

More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	Bearing Select
Lubrication	General bearing knowledge	Engineering Calculator
Support roller data	Bearing selection process	SimPro Quick
Loads	Bearing interfaces	LubeSelect for SKF greases
Temperature limits	Lubrication	Heater selection tool
Speed limits	External sealing, mounting and dismounting	
Design considerations	Bearing failure and how to prevent it	
Mounting		
Designation system		

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