

NUTR 17 A

- Popular item

Support rollers, with flange rings, with an inner ring

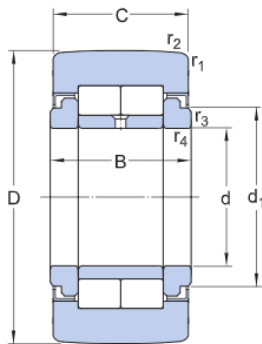
Bearing data

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

Bearing interfaces

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

Technical specification



DIMENSIONS

D	40 mm	Outside diameter
d	17 mm	Bore diameter
C	20 mm	Width outer ring
B	21 mm	Width inner ring
d_1	22 mm	Outside diameter flange ring
$r_{1,2}$	min.1 mm	Chamfer dimension outer ring
$r_{3,4}$	min.0.5 mm	Chamfer dimension flange ring bore

CALCULATION DATA

Basic dynamic load rating	C	19 kN
Basic static load rating	C_0	22 kN
Fatigue load limit	P_u	2.5 kN
Maximum dynamic radial loads	F_r	max.14 kN
Maximum static radial loads	F_{0r}	max.20 kN
Limiting speed		4 500 r/min

MASS

Mass support roller

0.15 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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