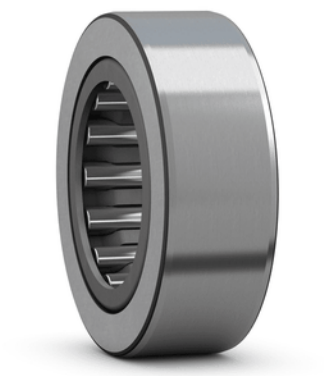


RSTO 5 TN

Support rollers, without flange rings, without an inner ring

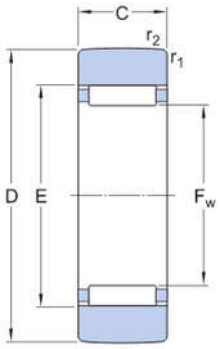
Bearing data

Tolerances,
Normal, Other,
Radial internal clearance,
table

Bearing interfaces

Seat tolerances for standard conditions,
Tolerances and resultant fit

Technical specification



DIMENSIONS

D	16 mm	Outside diameter
F_w	7 mm	Diameter under rollers
C	7.8 mm	Width
E	10 mm	Raceway diameter outer ring
r1,2	min.0.3 mm	Chamfer dimension outer ring

CALCULATION DATA

Basic dynamic load rating	C	2.51 kN
Basic static load rating	C_0	2.5 kN
Fatigue load limit	P_u	0.27 kN
Maximum dynamic radial load	Fr	max.3.55 kN
Maximum static radial load	F0r	max.5 kN
Limiting speed		8 000 r/min

MASS

Mass support roller	0.008 kg

More information

Product details

- Designs and variants
- Lubrication
- Support roller data
- Loads
- Temperature limits
- Speed limits
- Design considerations
- Mounting
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing interfaces
- Lubrication
- External sealing, mounting and dismounting
- Bearing failure and how to prevent it

Tools

- Bearing Select
- Engineering Calculator
- SimPro Quick
- LubeSelect for SKF greases
- Heater selection tool

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