

STO 8 XTN

Support rollers, without flange rings, with an inner ring

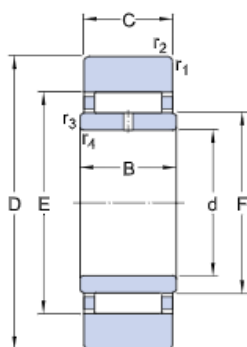
Bearing data

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

Bearing interfaces

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

Technical specification



DIMENSIONS

D	24 mm
d	8 mm
C	9.8 mm
B	10 mm
E	15 mm
F	12 mm
$r_{1,2}$	min. 0.3 mm
$r_{3,4}$	min. 0.3 mm

CALCULATION DATA

Basic dynamic load rating	C	4.13 kN
Basic static load rating	C_0	5.4 kN
Fatigue load limit	P_u	0.6 kN
Maximum dynamic radial load	F_r	max. 7.5 kN
Maximum static radial load	F_{0r}	max. 10.8 kN
Limiting speed		7 000 r/min

MASS

Mass support roller

0.026 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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