

## ST0 12

Popular item

Support rollers, without flange rings, with an inner ring

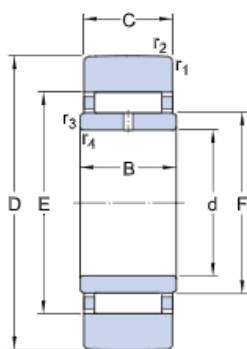
Bearing data

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

Bearing interfaces

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

## Technical specification



### DIMENSIONS

D	32 mm
d	12 mm
C	11.8 mm
B	12 mm
E	22 mm
F	16 mm
$r_{1,2}$	min. 0.3 mm
$r_{3,4}$	min. 0.3 mm

### CALCULATION DATA

Basic dynamic load rating	C	8.8 kN
Basic static load rating	$C_0$	9.8 kN
Fatigue load limit	$P_u$	1.18 kN
Maximum dynamic radial load	$F_r$	max. 8.3 kN
Maximum static radial load	$F_{0r}$	max. 12 kN
Limiting speed		5 600 r/min

### MASS

Mass support roller

0.057 kg

## More information

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

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