



## RSTO 30

Support rollers, without flange rings,  
without an inner ring

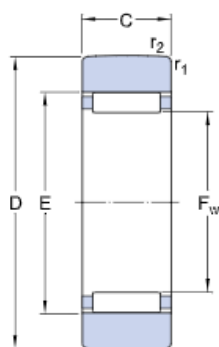
### Bearing data

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

### Bearing interfaces

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

## Technical specification



### DIMENSIONS

D	62 mm
$F_w$	38 mm
C	19.8 mm
E	46 mm
$r_{1,2}$	min. 0.6 mm

## CALCULATION DATA

Basic dynamic load rating	C	22.9 kN
Basic static load rating	$C_0$	34.5 kN
Fatigue load limit	$P_u$	4.25 kN
Maximum dynamic radial load	$F_r$	max. 23.6 kN
Maximum static radial load	$F_{0r}$	max. 33.5 kN
Limiting speed		2 600 r/min

## MASS

Mass support roller

0.26 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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