



# 361207 R

- Popular item

## Cam rollers

### Cam Roller data

[Tolerances](#),

Normal,

[Internal clearance](#),

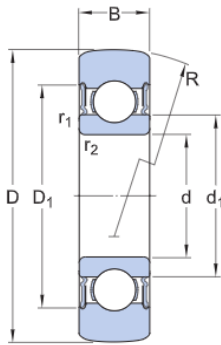
Single row cam rollers, Double row cam rollers

### Cam roller interfaces

[Seat tolerances for standard conditions](#),

[Tolerances and resultant fit](#)

## Technical specification



### DIMENSIONS

D	80 mm	Outside diameter
d	35 mm	Bore diameter
B	17 mm	Width
d1	≈46.9 mm	Shoulder/recess diameter inner ring
D1	≈62.7 mm	Recess diameter outer ring
R	400 mm	Profile running surface (crown) outer ring
r1,2	min.1.1 mm	Chamfer dimension

### CALCULATION DATA

Basic dynamic load rating	C	22.1 kN
Basic static load rating	$C_0$	11.8 kN
Fatigue load limit	$P_u$	0.5 kN
Maximum dynamic radial load	$F_r$	max.12.9 kN
Maximum static radial load	$F_{0r}$	max.18.3 kN
Limiting speed		4 500 r/min
Calculation factor	$f_0$	13.8

## MASS

Mass cam roller

0.42 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="#">Cam roller data</a>	<a href="#">General bearing knowledge</a>	<a href="#">Engineering Calculator</a>
<a href="#">Loads</a>	<a href="#">Bearing selection process</a>	<a href="#">SimPro Quick</a>
<a href="#">Temperature limits</a>	<a href="#">Bearing interfaces</a>	<a href="#">LubeSelect for SKF greases</a>
<a href="#">Speed limits</a>	<a href="#">Lubrication</a>	<a href="#">Heater selection tool</a>
<a href="#">Design consideration</a>	<a href="#">External sealing, mounting and dismounting</a>	
<a href="#">Designation system</a>	<a href="#">Bearing failure and how to prevent it</a>	

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