



# 305704 C-2Z

Popular item

## Cam rollers

### Cam Roller data

[Tolerances,](#)

Normal,

[Internal clearance,](#)

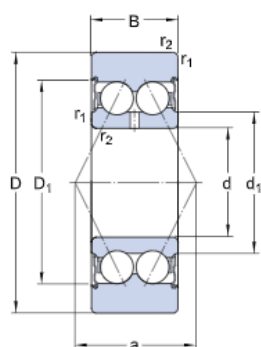
Single row cam rollers, Double row cam rollers

### Cam roller interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

## Technical specification



## DIMENSIONS

D	52 mm
d	20 mm
B	20.6 mm
d <sub>1</sub>	≈ 27.7 mm
D <sub>1</sub>	≈ 40.9 mm
r <sub>1,2</sub>	min. 1 mm
a	28 mm

## CALCULATION DATA

Basic dynamic load rating	C	16.5 kN
Basic static load rating	C <sub>0</sub>	9.5 kN
Fatigue load limit	P <sub>u</sub>	0.4 kN
Maximum dynamic radial load	F <sub>r</sub>	max. 8.3 kN
Maximum static radial load	F <sub>0r</sub>	max. 12 kN
Limiting speed		7 000 r/min

## MASS

Mass cam roller

0.22 kg

## More information

## Product details

[Designs and variants](#)[Cam roller data](#)[Loads](#)[Temperature limits](#)[Speed limits](#)[Design consideration](#)[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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