



305804 C-2Z

Popular item

Cam rollers

Cam Roller data

[Tolerances,](#)

Normal,

[Internal clearance,](#)

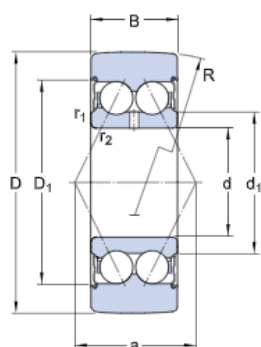
Single row cam rollers, Double row cam rollers

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 ₁	≈ 27.7 mm
D ₁	≈ 40.9 mm
R	400 mm
r _{1,2}	min. 1 mm
a	28 mm

CALCULATION DATA

Basic dynamic load rating	C	16.5 kN
Basic static load rating	C ₀	9.5 kN
Fatigue load limit	P _u	0.4 kN
Maximum dynamic radial load	F _r	max. 8.3 kN
Maximum static radial load	F _{0r}	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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