



305803 C-2Z

Popular item

Cam rollers

Cam Roller data

[Tolerances,](#)

Normal,

[Internal clearance,](#)

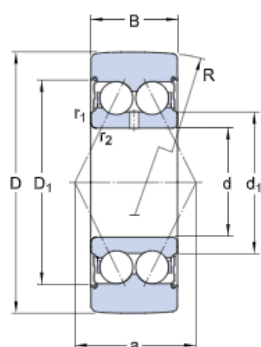
Single row cam rollers, Double row cam rollers

Cam roller interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

D	47 mm
d	17 mm
B	17.5 mm
d ₁	≈ 23.3 mm
D ₁	≈ 35 mm
R	400 mm
r _{1,2}	min. 0.6 mm
a	23 mm

CALCULATION DATA

Basic dynamic load rating	C	13 kN
Basic static load rating	C ₀	7.35 kN
Fatigue load limit	P _u	0.315 kN
Maximum dynamic radial load	F _r	max. 9.3 kN
Maximum static radial load	F _{0r}	max. 13.4 kN
Limiting speed		8 000 r/min

MASS

Mass cam roller

0.16 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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