



305807 C-2Z

Popular item

Cam rollers

Cam Roller data

[Tolerances,](#)

Normal,

[Internal clearance,](#)

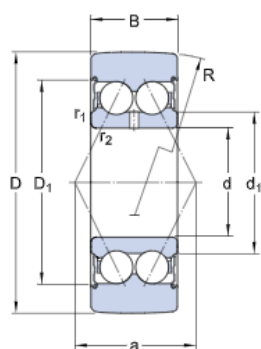
Single row cam rollers, Double row cam rollers

Cam roller interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification



DIMENSIONS

D	80 mm
d	35 mm
B	27 mm
d ₁	≈ 45.4 mm
D ₁	≈ 63.9 mm
R	400 mm
r _{1,2}	min. 1.1 mm
a	42 mm

CALCULATION DATA

Basic dynamic load rating	C	31.9 kN
Basic static load rating	C ₀	20.4 kN
Fatigue load limit	P _u	0.865 kN
Maximum dynamic radial load	F _r	max. 15.6 kN
Maximum static radial load	F _{0r}	max. 22.4 kN
Limiting speed		4 300 r/min

MASS

Mass cam roller

0.65 kg

More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	Bearing Select
Cam roller data	General bearing knowledge	Engineering Calculator
Loads	Bearing selection process	SimPro Quick
Temperature limits	Bearing interfaces	LubeSelect for SKF greases
Speed limits	Lubrication	Heater selection tool
Design consideration	External sealing, mounting and dismounting	
Designation system	Bearing failure and how to prevent it	

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