

305701 C-2Z

Popular item

Cam rollers

Cam Roller data

Tolerances,

Normal,

Internal clearance,

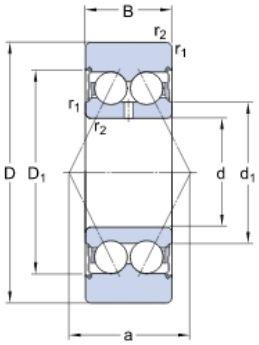
Single row cam rollers, Double row cam rollers

Cam roller interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification



DIMENSIONS

D	35 mm
d	12 mm
B	15.9 mm
d_1	≈ 17.7 mm
D_1	≈ 27.7 mm
$r_{1,2}$	min. 0.6 mm
a	19 mm

CALCULATION DATA

Basic dynamic load rating	C	9.04 kN
Basic static load rating	C_0	4.56 kN
Fatigue load limit	P_u	0.193 kN
Maximum dynamic radial load	F_r	max. 3.8 kN
Maximum static radial load	F_{0r}	max. 5.4 kN
Limiting speed		9500 r/min

MASS

Mass cam roller	0.078 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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