

# 305706 C-2Z

Popular item

## Cam rollers

Cam Roller data

Tolerances,

Normal,

Internal clearance,

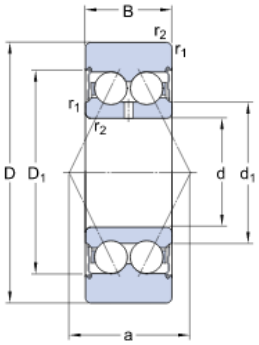
Single row cam rollers, Double row cam rollers

Cam roller interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

## Technical specification




### DIMENSIONS

| | |
|---|---|
| D | 72 mm |
| d | 30 mm |
| B | 23.8 mm |
| $d_1$ | ≈ 38.7 mm |
| $D_1$ | ≈ 55.2 mm |
| $r_{1,2}$ | min. 1 mm |
| a | 36 mm |

### CALCULATION DATA

| | | |
|---|---|---|
| Basic dynamic load rating | C | 25.1 kN |
| Basic static load rating | $C_0$ | 16.3 kN |
| Fatigue load limit | $P_u$ | 0.695 kN |
| Maximum dynamic radial load | $F_r$ | max. 17 kN |
| Maximum static radial load | $F_{0r}$ | max. 24 kN |
| Limiting speed | | 5000 r/min |

### MASS

| | |
|---|---|
| Mass cam roller | 0.49 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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