

KR 30 PPXA

Cam followers

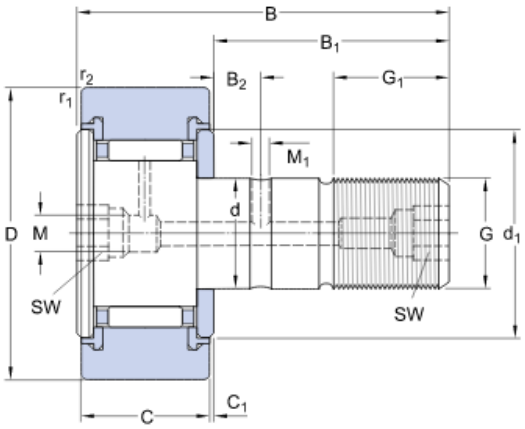
Bearing data

Tolerances,
Normal, Other,
Radial internal clearance,
table

Bearing interfaces

Seat tolerances for standard conditions,
Tolerances and resultant fit

Technical specification



DIMENSIONS

D	30 mm
d	12 mm
B	40 mm
C	14 mm
B_1	25 mm
B_2	6 mm
C_1	0.6 mm
d_1	23 mm
G	M 12x1.5
G_1	13 mm
M	4 mm
M_1	3 mm
SW	6 mm
$r_{1,2}$	min. 0.6 mm

CALCULATION DATA

Basic dynamic load rating	C	6.44 kN
Basic static load rating	C_0	8 kN
Fatigue load limit	P_u	0.88 kN

Maximum dynamic radial loads	F_r	max. 7.8 kN
Maximum static radial loads	F_{0r}	max. 11.2 kN
Limiting speed		4800 r/min

MASS

Mass cam follower	0.088 kg

MOUNTING INFORMATION

Recommended tighthening torque	22 N·m

INCLUDED PRODUCTS

Grease fitting	NIP A1x4.5
Hexagonal nut	M 12x1.5

More information

Product details

- Designs and variants
- Accessories
- Lubrication
- Cam follower data
- Loads
- Temperature limits
- Speed limits
- Design considerations
- Mounting
- 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

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