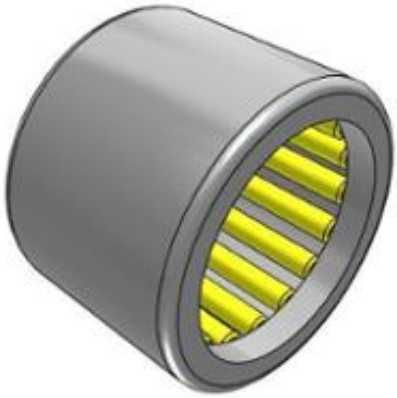


HK 1616

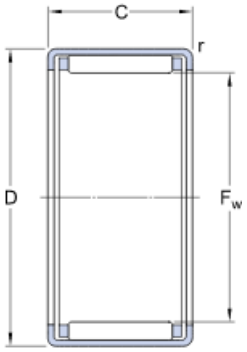
Popular item

Drawn cup needle roller bearings

Bearing data
Tolerances,
table

Design considerations
Shaft and housing tolerances,
table

Technical specification



DIMENSIONS

F_w	16 mm
D	22 mm
C	16 mm
r	min. 0.8 mm

CALCULATION DATA

Basic dynamic load rating	C	10.5 kN
Basic static load rating	C_0	15.6 kN
Fatigue load limit	P_u	1.8 kN
Reference speed		14000 r/min
Limiting speed		16000 r/min

MASS

Mass bearing	0.016 kg

ASSOCIATED PRODUCTS

Inner ring IR series	IR 12x16x16
Radial shaft seal with a low cross-sectional height, single lip	G 16x22x3
Radial shaft seal with a low cross-sectional height, double lip	SD 16x22x3

More information

Product details

- Designs and variants
- Bearing data
- Loads
- Temperature limits
- Permissible speed
- Design considerations
- Mounting
- Designation system

Engineering information

- Principles of rolling bearing selection
- General bearing knowledge
- Bearing selection process
- Bearing failure and how to prevent it

Tools

- SimPro Quick
- Bearing Select
- Engineering Calculator
- LubeSelect for SKF greases
- Heater Selection Tool
- skf.com/mount

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