



HK 3016

- Popular item

Drawn cup needle roller bearings

Bearing data

[Tolerances,](#)

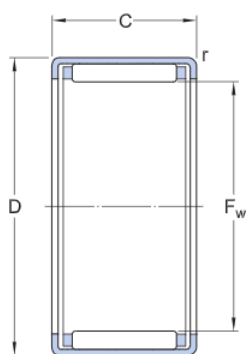
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Design considerations

[Shaft and housing tolerances,](#)

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Technical specification



DIMENSIONS

F_w	30 mm	Diameter under rollers
D	37 mm	Outside diameter
C	16 mm	Width
r	min.0.8 mm	Chamfer dimension drawn cup (outer ring)

CALCULATION DATA

Basic dynamic load rating	C	16.5 kN
Basic static load rating	C_0	29 kN
Fatigue load limit	P_u	3.4 kN
Reference speed		8 000 r/min
Limiting speed		9 000 r/min

MASS

Mass bearing	0.031 kg
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ASSOCIATED PRODUCTS

Inner ring IR series	IR 25x30x17
Inner ring LR series	LR 25x30x16.5
Radial shaft seal with a low cross-sectional height, single lip	G 30x37x4
Radial shaft seal with a low cross-sectional height, double lip	SD 30x37x4

More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	SimPro Quick
Bearing data	General bearing knowledge	Bearing Select
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing failure and how to prevent it	LubeSelect for SKF greases
Permissible speed		Heater Selection Tool
Design considerations		skf.com/mount
Mounting		
Designation system		