

HK 1412

- Popular item

Drawn cup needle roller bearings

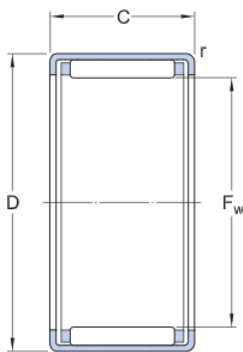
Bearing data

[Tolerances,](#)
table

Design considerations

[Shaft and housing tolerances,](#)
table

Technical specification



DIMENSIONS

F_w	14 mm	Diameter under rollers
D	20 mm	Outside diameter
C	12 mm	Width
r	min. 0.8 mm	Chamfer dimension drawn cup (outer ring)

CALCULATION DATA

Basic dynamic load rating	C	6.82 kN
Basic static load rating	C_0	8.65 kN
Fatigue load limit	P_u	0.98 kN
Reference speed		15 000 r/min
Limiting speed		17 000 r/min

MASS

Mass bearing	0.011 kg
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ASSOCIATED PRODUCTS

Inner ring IR series	IR 10x14x13
Radial shaft seal with a low cross-sectional height, single lip	G 14x20x3
Radial shaft seal with a low cross-sectional height, double lip	SD 14x20x3

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		

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