



HK 5025

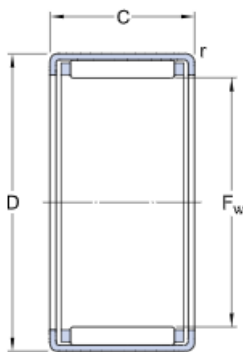
- Popular item

Drawn cup needle roller bearings

Bearing data
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Technical specification



DIMENSIONS

Fw	50 mm	Diameter under rollers
D	58 mm	Outside diameter
C	25 mm	Width
r	min.0.8 mm	Chamfer dimension drawn cup (outer ring)

CALCULATION DATA

Basic dynamic load rating	C	36.9 kN
Basic static load rating	C ₀	85 kN
Fatigue load limit	P _u	10.6 kN
Reference speed		5 000 r/min
Limiting speed		5 600 r/min

MASS

Mass bearing	0.085 kg
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ASSOCIATED PRODUCTS

Inner ring IR series	IR 45x50x25.5
Inner ring LR series	LR 45x50x25.5
Radial shaft seal with a low cross-sectional height, single lip	G 50x58x4
Radial shaft seal with a low cross-sectional height, double lip	SD 50x58x4

More information

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

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