



HK 0810 RS

Drawn cup needle roller bearings

Bearing data

[Tolerances,](#)

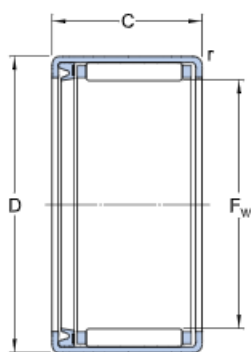
table

Design considerations

[Shaft and housing tolerances,](#)

table

Technical specification



DIMENSIONS

F_w	8 mm
D	12 mm
C	10 mm
r	min. 0.4 mm

CALCULATION DATA

Basic dynamic load rating	C	2.7 kN
Basic static load rating	C_0	2.75 kN
Fatigue load limit	P_u	0.285 kN
Limiting speed		13 000 r/min

MASS

Mass bearing	0.003 kg
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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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