

**HK1010-AS1-B**

Drawn cup needle roller bearing open end

Drawn cup needle roller bearing open end
HK...AS1-B, single row, with cage

Technical information



Your current product variant

Lubricant	Without	
Lubrication hole	AS1	With (1)
Coating	Without	
Type of Seal	Without	

Main Dimensions & Performance Data

F_w	10 mm	Under roller diameter
D	14 mm	Outside diameter
C	10 mm	Width
C_r	4.400 N	Basic dynamic load rating, radial
C_{0r}	5.100 N	Basic static load rating, radial
C_{ur}	670 N	Fatigue load limit, radial
n_G	24.300 1/min	Limiting speed
n_G Grease	14.600 1/min	Limiting speed for grease lubrication
n_{gr}	18.700 1/min	Reference speed
$\approx m$	3,958 g	Weight

Dimensions

C_1	10 mm	Width, outer ring
r_{min}	0,4 mm	Minimum chamfer dimension







Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	140 °C	Operating temperature max.

Additional information

GR10X14X3	Sealing ring
G10X14X3	Sealing ring 2
LR7X10X10,5	Suitable inner rings LR
IR7X10X10,5-XL	Suitable inner rings IR

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Small design envelope