

**HK1012-B-L271** [↗](#)

Drawn cup needle roller bearing open end

Drawn cup needle roller bearings with open ends HK, to DIN 618/ISO 3245

Technical information



Your current product variant

Lubricant	L271	Grease (L271/standart specific)
Lubrication hole	Without	
Coating	Without	
Type of Sealing	Without	

Main Dimensions & Performance Data

F_w	10 mm	Under roller diameter
D	14 mm	Outside diameter
C	12 mm	Width
C_r	5.500 N	Basic dynamic load rating, radial
C_{0r}	6.800 N	Basic static load rating, radial
C_{ur}	950 N	Fatigue load limit, radial
n_G	24.300 1/min	Limiting speed
$n_{G \text{ Grease}}$	14.600 1/min	Limiting speed for grease lubrication
n_{gr}	18.400 1/min	Reference speed
$\approx m$	4,57 g	Weight

Dimensions

C_1	12 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
IR7X10X12-XL	Suitable inner rings IR

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope