

**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	
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
$n_{G, Grease}$	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