

**HK1210-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 Seal	Without	

## Main Dimensions &amp; Performance Data

$F_w$	12 mm	Under roller diameter
D	16 mm	Outside diameter
C	10 mm	Width
$C_r$	4.950 N	Basic dynamic load rating, radial
$C_{0r}$	6.200 N	Basic static load rating, radial
$C_{ur}$	820 N	Fatigue load limit, radial
$n_G$	20.700 1/min	Limiting speed
$n_{G \text{ Grease}}$	12.400 1/min	Limiting speed for grease lubrication
$n_{gr}$	15.700 1/min	Reference speed
$\approx m$	4,53 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

SD12X18X3	Sealing ring
G12X18X3	Sealing ring 2
LR8X12X10,5	Suitable inner rings LR
IR8X12X10,5-XL	Suitable inner rings IR

### Characteristics

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