

**HK1312**

## 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	Without
Lubrication hole	Without
Coating	Without
Type of Seal	Without

## Main Dimensions &amp; Performance Data

$F_w$	13 mm	Under roller diameter
D	19 mm	Outside diameter
C	12 mm	Width
$C_r$	6.800 N	Basic dynamic load rating, radial
$C_{0r}$	7.900 N	Basic static load rating, radial
$C_{ur}$	960 N	Fatigue load limit, radial
$n_G$	18.700 1/min	Limiting speed
$n_{G \text{ Grease}}$	11.200 1/min	Limiting speed for grease lubrication
$n_{gr}$	14.400 1/min	Reference speed
$\approx m$	9,44 g	Weight

## Dimensions

$C_1$	12 mm	Width, outer ring
$r_{min}$	0,8 mm	Minimum chamfer dimension



### Temperature range

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

### Additional information

G13X19X3	Sealing ring 2
LR10X13X12,5	Suitable inner rings LR
IR10X13X12,5-XL	Suitable inner rings IR

### Characteristics

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