

**HK1812**

## 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
Sealing	Without

## Main Dimensions &amp; Performance Data

$F_w$	18 mm	Under roller diameter
D	24 mm	Outside diameter
C	12 mm	Width
$C_r$	8.100 N	Basic dynamic load rating, radial
$C_{0r}$	10.900 N	Basic static load rating, radial
$C_{ur}$	1.330 N	Fatigue load limit, radial
$n_G$	14.000 1/min	Limiting speed
$n_G$ Grease	8.400 1/min	Limiting speed for grease lubrication
$n_{gr}$	10.700 1/min	Reference speed
$\approx m$	12,44 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

SD18X24X3	Sealing ring
G18X24X3	Sealing ring 2
LR15X18X12,5	Suitable inner rings LR

### Characteristics

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