

**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 & 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