

**HK1512-AS1-B**

Drawn cup needle roller bearing open end

Drawn cup needle roller bearing open end  
HK...AS1-B, single row, with cage

## Technical information



## Your current product variant

Lubricant	Without	
Lubrication hole	AS1	With (1)
Coating	Without	
Type of Seal	Without	

## Main Dimensions &amp; Performance Data

$F_w$	15 mm	Under roller diameter
D	21 mm	Outside diameter
C	12 mm	Width
$C_r$	7.900 N	Basic dynamic load rating, radial
$C_{0r}$	9.400 N	Basic static load rating, radial
$C_{ur}$	1.170 N	Fatigue load limit, radial
$n_G$	16.300 1/min	Limiting speed
$n_G$ Grease	9.800 1/min	Limiting speed for grease lubrication
$n_{gr}$	12.300 1/min	Reference speed
$\approx m$	10,16 g	Weight

## Dimensions

$r_{min}$	0,8 mm	Minimum chamfer dimension
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### Temperature range

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

### Additional information

SD15X21X3	Sealing ring
G15X21X3	Sealing ring 2
LR12X15X12,5	Suitable inner rings LR
IR12X15X12,5-XL	Suitable inner rings IR

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Small design envelope