

**HK1616-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	
Sealing	Without	

## Main Dimensions &amp; Performance Data

$F_w$	16 mm	Under roller diameter
D	22 mm	Outside diameter
C	16 mm	Width
$C_r$	10.900 N	Basic dynamic load rating, radial
$C_{0r}$	15.300 N	Basic static load rating, radial
$C_{ur}$	1.940 N	Fatigue load limit, radial
$n_G$	15.600 1/min	Limiting speed
$n_G$ Grease	9.300 1/min	Limiting speed for grease lubrication
$n_{gr}$	11.600 1/min	Reference speed
$\approx m$	15,523 g	Weight

## Dimensions

$C_1$	16 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

SD16X22X3	Sealing ring
G16X22X3	Sealing ring 2
IR12X16X16-XL	Suitable inner rings IR

### Characteristics

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