

**HK1816-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 & Performance Data

F_w	18 mm	Under roller diameter
D	24 mm	Outside diameter
C	16 mm	Width
C_r	11.600 N	Basic dynamic load rating, radial
C_{0r}	17.300 N	Basic static load rating, radial
C_{ur}	2.180 N	Fatigue load limit, radial
n_G	14.000 1/min	Limiting speed
$n_{G \text{ Grease}}$	8.400 1/min	Limiting speed for grease lubrication
n_{gr}	10.400 1/min	Reference speed
$\approx m$	15,535 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

SD18X24X3	Sealing ring
G18X24X3	Sealing ring 2
LR15X18X16,5	Suitable inner rings LR
IR15X18X16,5-XL	Suitable inner rings IR

Characteristics

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