

**HK1612-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 & Performance Data

F_w	16 mm	Under roller diameter
D	22 mm	Outside diameter
C	12 mm	Width
C_r	7.600 N	Basic dynamic load rating, radial
C_{0r}	9.700 N	Basic static load rating, radial
C_{ur}	1.180 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}	11.900 1/min	Reference speed
$\approx m$	11,24 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

SD16X22X3	Sealing ring
G16X22X3	Sealing ring 2
IR12X16X13-XL	Suitable inner rings IR

Characteristics

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