

**HK3020-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	30 mm	Under roller diameter
D	37 mm	Outside diameter
C	20 mm	Width
C_r	22.000 N	Basic dynamic load rating, radial
C_{0r}	39.500 N	Basic static load rating, radial
C_{ur}	5.100 N	Fatigue load limit, radial
n_G	8.600 1/min	Limiting speed
n_G Grease	5.200 1/min	Limiting speed for grease lubrication
n_{gr}	6.300 1/min	Reference speed
$\approx m$	38,975 g	Weight

Dimensions

C_1	20 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

SD30X37X4	Sealing ring
G30X37X4	Sealing ring 2
LR25X30X20,5	Suitable inner rings LR
IR25X30X20,5-XL	Suitable inner rings IR

Characteristics

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