

**HK4020-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	40 mm	Under roller diameter
D	47 mm	Outside diameter
C	20 mm	Width
C_r	25.500 N	Basic dynamic load rating, radial
C_{0r}	52.000 N	Basic static load rating, radial
C_{ur}	6.900 N	Fatigue load limit, radial
n_G	6.600 1/min	Limiting speed
n_G Grease	3.950 1/min	Limiting speed for grease lubrication
n_{gr}	4.900 1/min	Reference speed
$\approx m$	50 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

SD40X47X4	Sealing ring
G40X47X4	Sealing ring 2
LR35X40X20,5	Suitable inner rings LR
IR35X40X20,5-XL	Suitable inner rings IR

Characteristics

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