

**HK3516-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	35 mm	Under roller diameter
D	42 mm	Outside diameter
C	16 mm	Width
C_r	18.700 N	Basic dynamic load rating, radial
C_{0r}	33.500 N	Basic static load rating, radial
C_{ur}	4.450 N	Fatigue load limit, radial
n_G	7.500 1/min	Limiting speed
$n_{G \text{ Grease}}$	4.500 1/min	Limiting speed for grease lubrication
n_{gr}	5.600 1/min	Reference speed
$\approx m$	36 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

SD35X42X4	Sealing ring
G35X42X4	Sealing ring 2
LR30X35X16,5	Suitable inner rings LR
IR30X35X17-XL	Suitable inner rings IR

Characteristics

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