



## HK1010-AS1-B

Drawn cup needle roller bearing open end

Schaeffler ID:  
0011977030000

Drawn cup needle roller bearing open end  
HK...AS1-B, single row, with cage

### Technical information



#### Main Dimensions & Performance Data

$F_w$	10 mm	Under roller diameter
$D$	14 mm	Outside diameter
$C$	10 mm	Width
$C_r$	4.400 N	Basic dynamic load rating, radial
$C_{0r}$	5.100 N	Basic static load rating, radial
$C_{ur}$	670 N	Fatigue load limit, radial
$n_G$	24.300 1/min	Limiting speed
$n_{G \text{ Grease}}$	14.600 1/min	Limiting speed for grease lubrication
$n_{gr}$	18.700 1/min	Reference speed
	3,958 g	Weight

#### Dimensions

$C_1$	10 mm	Width, outer ring
$r_{\min}$	0,4 mm	Minimum chamfer dimension

#### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	140 °C	Operating temperature max.

#### Additional information

GR10X14X3	Sealing ring
G10X14X3	Sealing ring 2
LR7X10X10,5	Suitable inner rings LR
IR7X10X10,5-XL	Suitable inner rings IR