

**HK0810-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	8 mm	Under roller diameter
D	12 mm	Outside diameter
C	10 mm	Width
C_r	3.800 N	Basic dynamic load rating, radial
C_{0r}	3.950 N	Basic static load rating, radial
C_{ur}	510 N	Fatigue load limit, radial
n_G	29.500 1/min	Limiting speed
$n_{G \text{ Grease}}$	17.700 1/min	Limiting speed for grease lubrication
n_{gr}	23.200 1/min	Reference speed
$\approx m$	3,1 g	Weight

Dimensions

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

G8X12X3	Sealing ring 2
IR5X8X12-XL	Suitable inner rings IR

Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope