



HK0810-AS1-B

Drawn cup needle roller bearing open end

Schaeffler ID:
0011976730000

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

Technical information



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
	3,1 g	Weight

Dimensions

r_{\min}	0,4 mm	Minimum chamfer dimension
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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