

**HK6012**

Drawn cup needle roller bearing open end

Drawn cup needle roller bearing open end
HK, single row, with cage

Technical information



Your current product variant

Lubricant	Without
Lubrication hole	Without
Coating	Without
Sealing	Without

Main Dimensions & Performance Data

F_w	60 mm	Under roller diameter
D	68 mm	Outside diameter
C	12 mm	Width
C_r	17.400 N	Basic dynamic load rating, radial
C_{0r}	32.000 N	Basic static load rating, radial
C_{ur}	4.350 N	Fatigue load limit, radial
n_G	4.450 1/min	Limiting speed
n_G Grease	2.650 1/min	Limiting speed for grease lubrication
n_{gr}	3.750 1/min	Reference speed
$\approx m$	49,15 g	Weight

Dimensions

C_1	12 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.

Characteristics



Radial load



Grease Lubrication



Oil Lubrication



Not sealed



Small design envelope