



HK3224

Drawn cup needle roller bearing open end

Schaeffler ID:
0001119530000

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

Technical information



Main Dimensions & Performance Data

F_w	32 mm	Under roller diameter
D	39 mm	Outside diameter
C	24 mm	Width
C_r	27,500 N	Basic dynamic load rating, radial
C_{0r}	54,000 N	Basic static load rating, radial
C_{ur}	7,500 N	Fatigue load limit, radial
n_G	8,100 1/min	Limiting speed
$n_{G \text{ Grease}}$	4,850 1/min	Limiting speed for grease lubrication
n_{gr}	5,900 1/min	Reference speed
	49.895 g	Weight

Dimensions

C_1	24 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.