



HK1612-AS1-B

Drawn cup needle roller bearing open end

Schaeffler ID:
0000605930000

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

Technical information



Main Dimensions & Performance Data

F_w	16 mm	Under roller diameter
D	22 mm	Outside diameter
C	12 mm	Width
C_r	7.600 N	Basic dynamic load rating, radial
C_{0r}	9.700 N	Basic static load rating, radial
C_{ur}	1.180 N	Fatigue load limit, radial
n_G	15.600 1/min	Limiting speed
$n_{G \text{ Grease}}$	9.300 1/min	Limiting speed for grease lubrication
n_{gr}	11.900 1/min	Reference speed
	11,24 g	Weight

Dimensions

r_{\min}	0,8 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

	SD16X22X3	Sealing ring
	G16X22X3	Sealing ring 2
	IR12X16X13-XL	Suitable inner rings IR