



HK1616-AS1-B

Drawn cup needle roller bearing open end

Schaeffler ID:
0000603990000

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	16 mm	Width
C_r	10.900 N	Basic dynamic load rating, radial
C_{0r}	15.300 N	Basic static load rating, radial
C_{ur}	1.940 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}	11.600 1/min	Reference speed
	15,523 g	Weight

Dimensions

C_1	16 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.

Additional information

	SD16X22X3	Sealing ring
	G16X22X3	Sealing ring 2
	IR12X16X16-XL	Suitable inner rings IR