



HK3516-AS1-B

Drawn cup needle roller bearing open end

Schaeffler ID:
0075144760000

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

Technical information



Main Dimensions & Performance Data

F_w	35 mm	Under roller diameter
D	42 mm	Outside diameter
C	16 mm	Width
C_r	18.700 N	Basic dynamic load rating, radial
C_{0r}	33.500 N	Basic static load rating, radial
C_{ur}	4.450 N	Fatigue load limit, radial
n_G	7.500 1/min	Limiting speed
$n_{G \text{ Grease}}$	4.500 1/min	Limiting speed for grease lubrication
n_{gr}	5.600 1/min	Reference speed
	36 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

SD35X42X4	Sealing ring
G35X42X4	Sealing ring 2
LR30X35X16,5	Suitable inner rings LR
IR30X35X16-XL	Suitable inner rings IR