



HK2820-AS1-B

Drawn cup needle roller bearing open end

Schaeffler ID:
0066672100000

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

Technical information



Main Dimensions & Performance Data

F_w	28 mm	Under roller diameter
D	35 mm	Outside diameter
C	20 mm	Width
C_r	20.900 N	Basic dynamic load rating, radial
C_{0r}	36.000 N	Basic static load rating, radial
C_{ur}	4.700 N	Fatigue load limit, radial
n_G	9.200 1/min	Limiting speed
$n_{G \text{ Grease}}$	5.500 1/min	Limiting speed for grease lubrication
n_{gr}	6.700 1/min	Reference speed
	36 g	Weight

Dimensions

C_1	20 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

SD28X35X4	Sealing ring
G28X35X4	Sealing ring 2
LR22X28X20,5	Suitable inner rings LR
IR22X28X20-XL	Suitable inner rings IR