



## HK5020

Drawn cup needle roller bearing open end

Schaeffler ID:  
0001936580000

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

### Technical information



#### Main Dimensions & Performance Data

$F_w$	50 mm	Under roller diameter
$D$	58 mm	Outside diameter
$C$	20 mm	Width
$C_r$	31,000 N	Basic dynamic load rating, radial
$C_{0r}$	63,000 N	Basic static load rating, radial
$C_{ur}$	8,400 N	Fatigue load limit, radial
$n_G$	5,300 1/min	Limiting speed
$n_{G \text{ Grease}}$	3,150 1/min	Limiting speed for grease lubrication
$n_{gr}$	4,050 1/min	Reference speed
	68.5 g	Weight

#### Dimensions

	SD50X58X4	Sealing ring
$C_1$	20 mm	Width, outer ring
$r_{min}$	0.8 mm	Minimum chamfer dimension
	G50X58X4	Sealing ring 2
	LR45X50X20,5	Suitable inner rings LR

#### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	140 °C	Operating temperature max.