



## HK3016

Drawn cup needle roller bearing open end

Schaeffler ID:  
0037375940000

Drawn cup needle roller bearings with open ends HK, to DIN 618/ISO 3245

### Technical information



#### Main Dimensions & Performance Data

$F_w$	30 mm	Under roller diameter
$D$	37 mm	Outside diameter
$C$	16 mm	Width
$C_r$	17,200 N	Basic dynamic load rating, radial
$C_{0r}$	29,000 N	Basic static load rating, radial
$C_{ur}$	3,850 N	Fatigue load limit, radial
$n_G$	8,600 1/min	Limiting speed
$n_{G \text{ Grease}}$	5,200 1/min	Limiting speed for grease lubrication
$n_{gr}$	6,400 1/min	Reference speed
	28.9 g	Weight

#### Dimensions

	SD30X37X4	Sealing ring
$C_1$	16 mm	Width, outer ring
$r_{min}$	0.8 mm	Minimum chamfer dimension
	G30X37X4	Sealing ring 2
	LR25X30X16,5	Suitable inner rings LR
	IR25X30X17-XL	Suitable inner rings IR

#### Temperature range

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