



## HK2212

Drawn cup needle roller bearing open end

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

### Technical information



#### Main Dimensions & Performance Data

$F_w$	22 mm	Under roller diameter
$D$	28 mm	Outside diameter
$C$	12 mm	Width
$C_r$	9,100 N	Basic dynamic load rating, radial
$C_{0r}$	13,400 N	Basic static load rating, radial
$C_{ur}$	1,630 N	Fatigue load limit, radial
$n_G$	11,700 1/min	Limiting speed
$n_{G \text{ Grease}}$	7,000 1/min	Limiting speed for grease lubrication
$n_{gr}$	8,900 1/min	Reference speed
	14.796 g	Weight

#### Dimensions

	SD22X28X4	Sealing ring
$C_1$	12 mm	Width, outer ring
$r_{min}$	0.8 mm	Minimum chamfer dimension
	G22X28X4	Sealing ring 2
	IR17X22X13-XL	Suitable inner rings IR

#### Temperature range

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