

**HK5025**

Drawn cup needle roller bearing open end

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

## Technical information

**Your current product variant**

Lubricant	Without
Lubrication hole	Without
Coating	Without
Type of Seal	Without

**Main Dimensions & Performance Data**

$F_w$	50 mm	Under roller diameter
D	58 mm	Outside diameter
C	25 mm	Width
$C_r$	38.500 N	Basic dynamic load rating, radial
$C_{0r}$	84.000 N	Basic static load rating, radial
$C_{ur}$	11.900 N	Fatigue load limit, radial
$n_G$	5.300 1/min	Limiting speed
$n_G$ Grease	3.150 1/min	Limiting speed for grease lubrication
$n_{gr}$	4.000 1/min	Reference speed
$\approx m$	86,878 g	Weight

**Dimensions**

$C_1$	25 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

SD50X58X4	Sealing ring
G50X58X4	Sealing ring 2
IR45X50X25,5-XL	Suitable inner rings IR

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope