

**HN3520** [↗](#)

Drawn cup needle roller bearing open end

Drawn cup needle roller bearings with open ends HN, full complement needle roller set

## Technical information

**Main Dimensions & Performance Data**

$F_w$	35 mm	Under roller diameter
D	42 mm	Outside diameter
C	20 mm	Width, outer ring
$C_r$	33.500 N	Basic dynamic load rating, radial
$C_{0r}$	83.000 N	Basic static load rating, radial
$C_{ur}$	11.300 N	Fatigue load limit, radial
$n_G$ Grease	3.200 1/min	Limiting speed for grease lubrication
$n_{gr}$	4.250 1/min	Reference speed
$\approx m$	54 g	Weight

**Dimensions**

$r_{min}$	0,8 mm	Minimum chamfer dimension
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**Temperature range**

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

**Additional information**

IR30X35X20-XL	Suitable inner rings IR
LR30X35X20,5	Suitable inner rings LR



### Characteristics

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