

**HN4520**

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**

$F_w$	45 mm	Under roller diameter
D	52 mm	Outside diameter
C	20 mm	Width, outer ring
$C_r$	38.500 N	Basic dynamic load rating, radial
$C_{0r}$	108.000 N	Basic static load rating, radial
$C_{ur}$	14.700 N	Fatigue load limit, radial
$n_G$ Grease	2.500 1/min	Limiting speed for grease lubrication
$n_{gr}$	3.400 1/min	Reference speed
$\approx m$	68 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**

IR40X45X20-XL	Suitable inner rings IR
LR40X45X20,5	Suitable inner rings LR



### Characteristics

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