

**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

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