

**HN5020** [↗](#)

Drawn cup needle roller bearing open end

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

Technical information



Your current product variant

Lubricant	L563	Grease (L563/standart specific)
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Main Dimensions & Performance Data

F_w	50 mm	Under roller diameter
D	58 mm	Outside diameter
C	20 mm	Width, outer ring
C_r	44.500 N	Basic dynamic load rating, radial
C_{0r}	119.000 N	Basic static load rating, radial
C_{ur}	16.500 N	Fatigue load limit, radial
n_G Grease	2.260 1/min	Limiting speed for grease lubrication
n_{gr}	3.100 1/min	Reference speed
m	85 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

LR45X50X20,5

Suitable inner rings LR



Characteristics

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