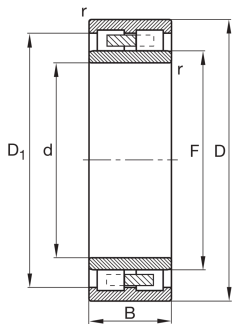


**FAG****NNU4160-M**

Cylindrical roller bearing



## Technical information



## Your current product variant

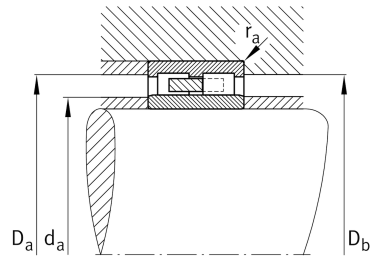
Cage	M	Brass Cage
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	CN (Group N)	Normal internal clearance
Number of rows	2	Double-row design

## Main Dimensions &amp; Performance Data

d	300 mm	Bore diameter
D	500 mm	Outside diameter
B	200 mm	Width
$C_r$	2.950.000 N	Basic dynamic load rating, radial
$C_{0r}$	5.700.000 N	Basic static load rating, radial
$C_{ur}$	570.000 N	Fatigue load limit, radial
$n_G$ Grease	1.750 1/min	Limiting speed for grease lubrication
$n_G$ Oil	2.060 1/min	Limiting speed for oil lubrication
$\approx m$	159,28 kg	Weight

## Mounting dimensions

$d_a$	320 mm	Diameter shaft shoulder
$D_a$	480 mm	Diameter of housing shoulder
$r_{a1 \max}$	4 mm	Maximum recess radius





### Dimensions

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r <sub>1 min</sub>	5 mm	Minimum chamfer dimension
F	351 mm	Raceway diameter inner ring
s	9,2 mm	Axial displacement
D <sub>1</sub>	434,6 mm	Shoulder diameter outer ring

### Temperature range

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T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	150 °C	Operating temperature max.

### Characteristics

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Large bearing