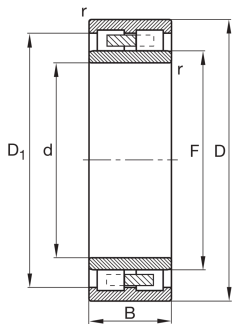


**FAG****NNU41/530-M**

Cylindrical roller bearing



## Technical information



## Your current product variant

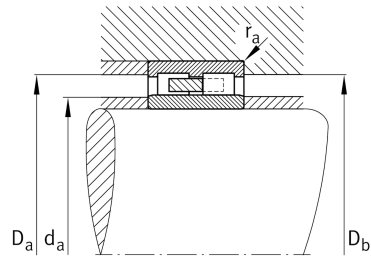
Cage	M	Brass Cage
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	CN (Group N)	Normal internal clearance
Number of rows	2	Double-row design

## Main Dimensions &amp; Performance Data

d	530 mm	Bore diameter
D	870 mm	Outside diameter
B	335 mm	Width
$C_r$	7.700.000 N	Basic dynamic load rating, radial
$C_{0r}$	16.300.000 N	Basic static load rating, radial
$C_{ur}$	1.400.000 N	Fatigue load limit, radial
$n_{G \text{ Grease}}$	960 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	1.130 1/min	Limiting speed for oil lubrication
$\approx m$	791 kg	Weight

## Mounting dimensions

$d_a$	562 mm	Diameter shaft shoulder
$D_a$	838 mm	Diameter of housing shoulder
$r_{a1 \text{ max}}$	6 mm	Maximum recess radius





### Dimensions

r <sub>1 min</sub>	7,5 mm	Minimum chamfer dimension
F	618 mm	Raceway diameter inner ring
s	16,2 mm	Axial displacement
D <sub>1</sub>	761 mm	Shoulder diameter outer ring

### Temperature range

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

### Characteristics



Large bearing