

**FAG****NNU4160-M-C3**

Cylindrical roller bearing



Technical information

**Your current product variant**

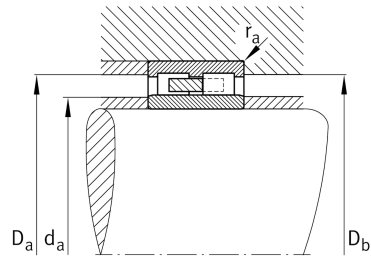
Cage	M	Brass Cage
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

Main Dimensions & 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
$n_{G \text{ Grease}}$	1.750 1/min	Limiting speed for grease lubrication
$n_{G \text{ Oil}}$	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
$r_{a1 \text{ max}}$	4 mm	Maximum recess radius





Dimensions

r _{1 min}	5 mm	Minimum chamfer dimension
F	351 mm	Raceway diameter inner ring
s	9,2 mm	Axial displacement
D ₁	434,6 mm	Shoulder diameter outer ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

Characteristics



Large bearing