

**FAG****NNU4188-M**

Cylindrical roller bearing



## Technical information



## Your current product variant

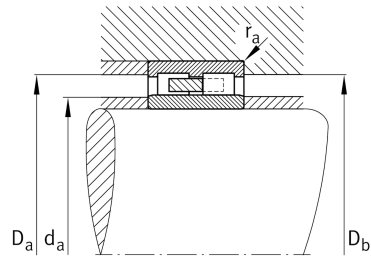
Cage	M	Brass Cage
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	CN (Group N)	Normal internal clearance
Number of rows	2	Double-row design

## Main Dimensions &amp; Performance Data

d	440 mm	Bore diameter
D	720 mm	Outside diameter
B	280 mm	Width
$C_r$	5.600.000 N	Basic dynamic load rating, radial
$C_{0r}$	11.500.000 N	Basic static load rating, radial
$C_{ur}$	1.030.000 N	Fatigue load limit, radial
$n_G$ Grease	1.170 1/min	Limiting speed for grease lubrication
$n_G$ Oil	1.380 1/min	Limiting speed for oil lubrication
$\approx m$	454,5 kg	Weight

## Mounting dimensions

$d_a$	466 mm	Diameter shaft shoulder
$D_a$	694 mm	Diameter of housing shoulder
$r_{a1 \max}$	5 mm	Maximum recess radius





### Dimensions

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r <sub>1 min</sub>	6 mm	Minimum chamfer dimension
F	511 mm	Raceway diameter inner ring
s	12,9 mm	Axial displacement
D <sub>1</sub>	632 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