

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

Cylindrical roller bearing



Technical information



Your current product variant

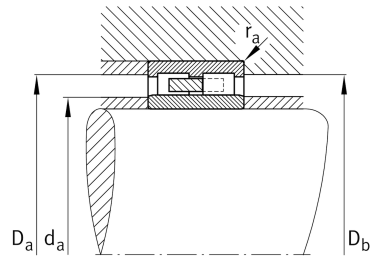
Cage	M	Brass Cage
Tolerance class	PN	Normal (ISO 492:2014)
Radial internal clearance	CN (Group N)	Normal internal clearance
Number of rows	2	Double-row design

Main Dimensions & 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

$r_{1 \text{ min}}$	6 mm	Minimum chamfer dimension
F	511 mm	Raceway diameter inner ring
s	12,9 mm	Axial displacement
D_1	632 mm	Shoulder diameter outer ring

Temperature range

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

Characteristics



Large bearing