



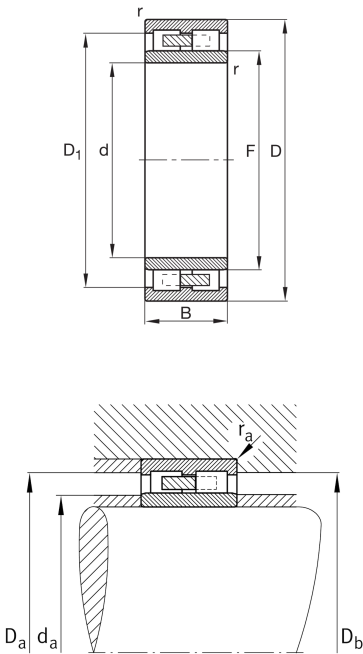
FAG

NNU4196-S-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	480 mm	Bore diameter
D	790 mm	Outside diameter
B	308 mm	Width
C _r	6.600.000 N	Basic dynamic load rating, radial
C _{0r}	13.400.000 N	Basic static load rating, radial
C _{ur}	1.190.000 N	Fatigue load limit, radial
n _G Grease	1.060 1/min	Limiting speed for grease lubrication
n _G Oil	1.250 1/min	Limiting speed for oil lubrication
≈m	601,8 kg	Weight

Mounting dimensions

d _a	512 mm	Diameter shaft shoulder
D _a	758 mm	Diameter of housing shoulder
r _{a1} max	6 mm	Maximum recess radius



Dimensions

r 1 min	7,5 mm	Minimum chamfer dimension
F	557 mm	Raceway diameter inner ring
s	13 mm	Axial displacement
D 1	691,5 mm	Shoulder diameter outer ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	150 °C	Operating temperature max.

Characteristics



Large bearing