

FAG

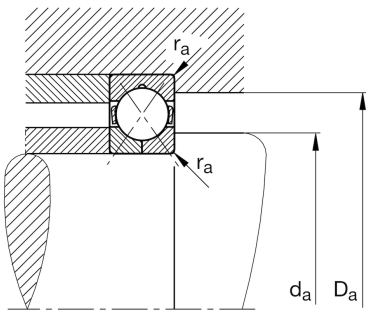
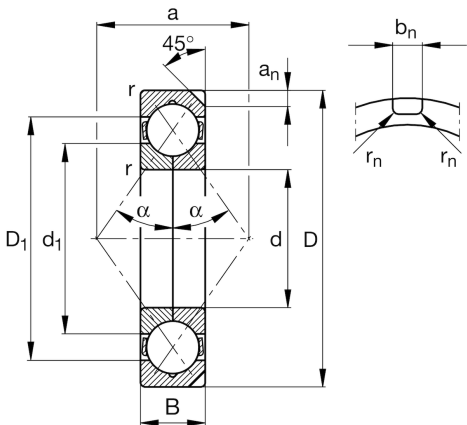
QJ236-N2-MPA

Four-point contact bearing

Schaeffler ID:
0167423700000

Four point contact bearing QJ2..-N2-MPA,
holding grooves, solid brass cage

Technical information



Main Dimensions & Performance Data

d	180 mm	Bore diameter
D	320 mm	Outside diameter
B	52 mm	Width
C _r	435.000 N	Basic dynamic load rating, radial
C _{0r}	680.000 N	Basic static load rating, radial
C _{ur}	24.600 N	Fatigue load limit, radial
n _G	3.600 1/min	Limiting speed
n _{gr}	1.870 1/min	Reference speed
	19,494 kg	Weight

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	269 mm	Shoulder diameter outer ring
d ₁	231 mm	Shoulder diameter inner ring
a	175 mm	Distance between the apexes of the pressure cones
a _n	12,7 mm	Hight retaining slot
b _n	10,5 mm	Width retaining slot
r _n	2 mm	Radius retaining slot
	45 °	Angle retaining slot
α	35 °	Contact angle

Mounting dimensions

d _{a min}	197 mm	Minimum diameter shaft shoulder
D _{a max}	303 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum fillet radius

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.