

FAG

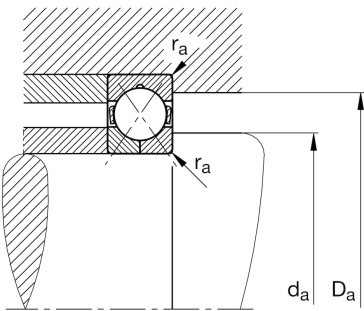
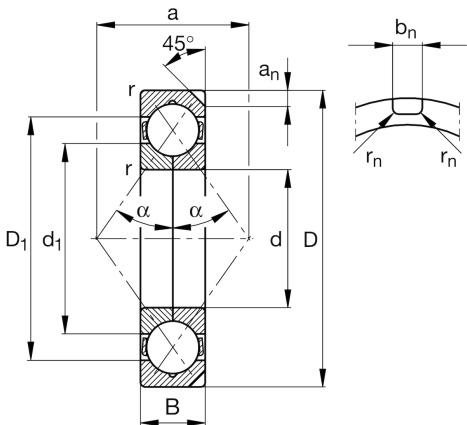
QJ344-N2-MPA

Four-point contact bearing

Schaeffler ID:
0192626710000

Four point contact bearing QJ3..-N2-MPA,
holding grooves, solid brass cage

Technical information



Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	460 mm	Outside diameter
B	88 mm	Width
C _r	900.000 N	Basic dynamic load rating, radial
C _{0r}	1.650.000 N	Basic static load rating, radial
C _{ur}	51.000 N	Fatigue load limit, radial
n _G	2.430 1/min	Limiting speed
n _{gr}	1.080 1/min	Reference speed
	85,4 kg	Weight

Dimensions

r _{min}	5 mm	Minimum chamfer dimension
D ₁	378 mm	Shoulder diameter outer ring
d ₁	302 mm	Shoulder diameter inner ring
a	238 mm	Distance between the apexes of the pressure cones
a _n	15 mm	Hight retaining slot
b _n	12,5 mm	Width retaining slot
r _n	2,5 mm	Radius retaining slot
	45 °	Angle retaining slot
α	35 °	Contact angle

Mounting dimensions

d _{a min}	240 mm	Minimum diameter shaft shoulder
D _{a max}	440 mm	Maximum diameter of housing shoulder
r _{a max}	4 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.