

FAG

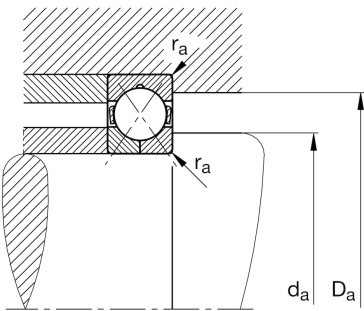
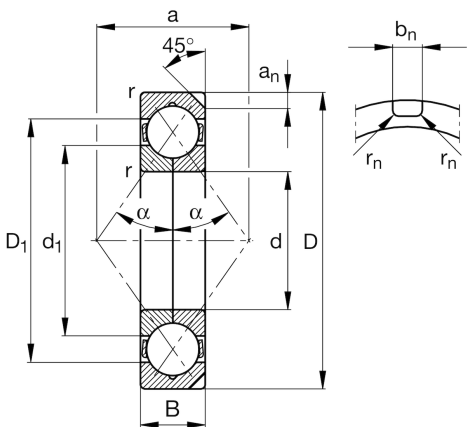
QJ344-N2-MPA-C3

Four-point contact bearing

Schaeffler ID:
0192626710030

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
	77,1 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.