

FAG

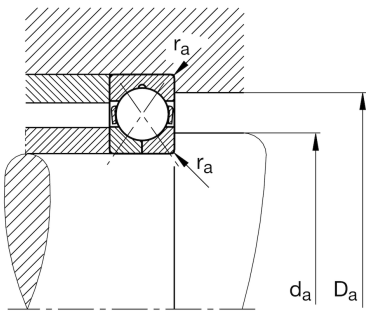
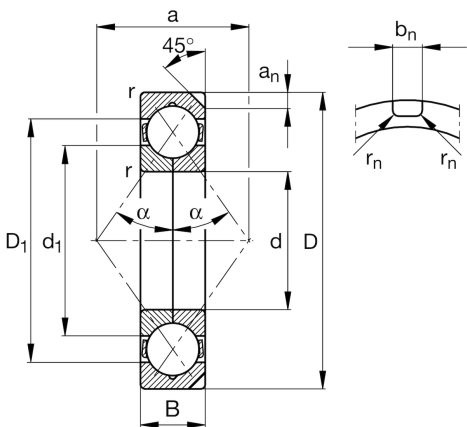
QJ238-N2-MPA-C3

Four-point contact bearing

Schaeffler ID:
0167423890030

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

Technical information



Main Dimensions & Performance Data

d	190 mm	Bore diameter
D	340 mm	Outside diameter
B	55 mm	Width
C _r	460.000 N	Basic dynamic load rating, radial
C _{0r}	740.000 N	Basic static load rating, radial
C _{ur}	25.000 N	Fatigue load limit, radial
n _G	3.400 1/min	Limiting speed
n _{gr}	1.760 1/min	Reference speed
	23,5 kg	Weight

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	286,3 mm	Shoulder diameter outer ring
d ₁	245,8 mm	Shoulder diameter inner ring
a	186 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}	207 mm	Minimum diameter shaft shoulder
D _{a max}	323 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.