

FAG

QJ207-XL-N2-MPA

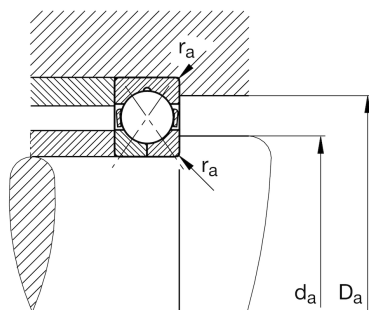
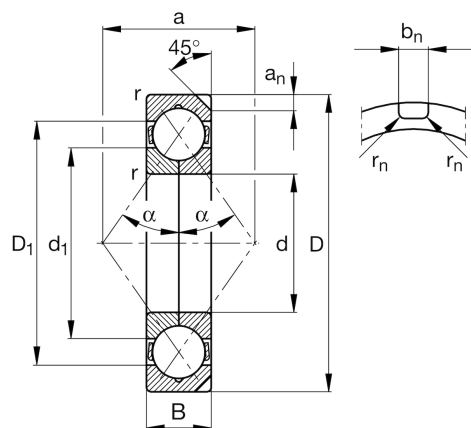
Four-point contact bearing

Schaeffler ID:
0390252250000

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

X-life

Technical information



Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C _r	45.000 N	Basic dynamic load rating, radial
C _{0r}	35.500 N	Basic static load rating, radial
C _{ur}	2.470 N	Fatigue load limit, radial
n _G	19.800 1/min	Limiting speed
n _{gr}	8.500 1/min	Reference speed
	340 g	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	59,1 mm	Shoulder diameter outer ring
d ₁	48 mm	Shoulder diameter inner ring
a	38 mm	Distance between the apexes of the pressure cones
a _n	3,5 mm	Height retaining slot
b _n	4,5 mm	Width retaining slot
r _n	0,5 mm	Radius retaining slot
	45 °	Angle retaining slot
α	35 °	Contact angle

Mounting dimensions

d _{a min}	42 mm	Minimum diameter shaft shoulder
D _{a max}	65 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.