

FAG

QJ208-XL-MPA

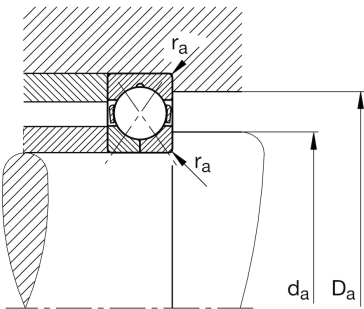
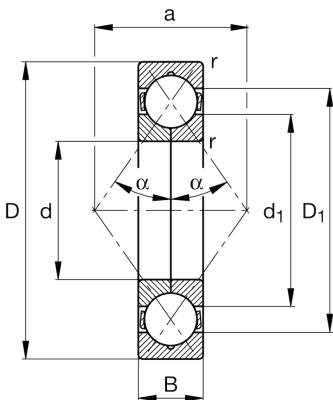
Four-point contact bearing

Schaeffler ID:
0167422490000

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

X-life

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C _r	58.000 N	Basic dynamic load rating, radial
C _{0r}	46.500 N	Basic static load rating, radial
C _{ur}	3.250 N	Fatigue load limit, radial
n _G	17.500 1/min	Limiting speed
n _{gr}	7.500 1/min	Reference speed
	440 g	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	66,8 mm	Shoulder diameter outer ring
d ₁	53,7 mm	Shoulder diameter inner ring
a	42 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

d _{a min}	47 mm	Minimum diameter shaft shoulder
D _{a max}	73 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.