

FAG

★ QJ209-XL-MPA

Four-point contact bearing

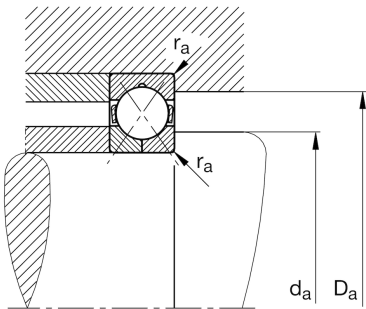
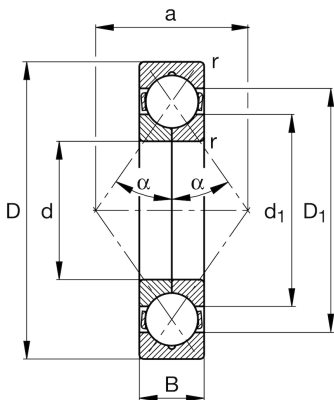
Schaeffler ID:
0167422650000

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

★ Preferred product

X-life

Technical information



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.
	0,5 kg	Weight

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	19 mm	Width
C _r	63 000 N	Basic dynamic load rating, radial
C _{0r}	53 000 N	Basic static load rating, radial
C _{ur}	3 700 N	Fatigue load limit, radial
n _G	16 200 1/min	Limiting speed
n _{gr}	7 000 1/min	Reference speed

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	72 mm	Shoulder diameter outer ring
d ₁	58,5 mm	Shoulder diameter inner ring
a	45 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

d _{a min}	52 mm	Minimum diameter shaft shoulder
D _{a max}	78 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius