

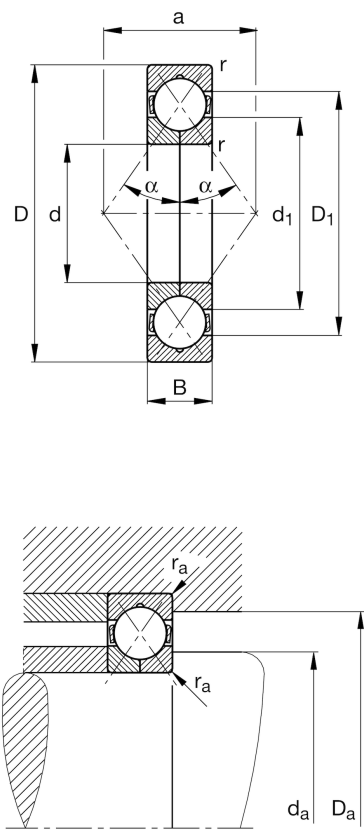


QJ312-XL-MPA
Four-point contact bearing

Schaeffler ID:
0190052530000

Four point contact bearing QJ3..-XL-MPA,
X-life, solid brass cage

Technical information



Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C _r	152.000 N	Basic dynamic load rating, radial
C _{0r}	126.000 N	Basic static load rating, radial
C _{ur}	9.200 N	Fatigue load limit, radial
n _G	10.400 1/min	Limiting speed
n _{gr}	4.700 1/min	Reference speed
	2,11 kg	Weight

Mounting dimensions

d _{a min}	72 mm	Minimum diameter shaft shoulder
D _{a max}	118 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	106,9 mm	Shoulder diameter outer ring
d ₁	84,2 mm	Shoulder diameter inner ring
a	67 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Temperature range

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