



FAG

X-life

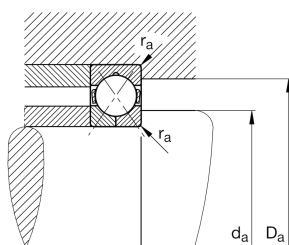
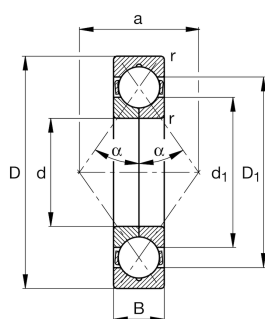
QJ310-XL-MPA

Four-point contact bearing

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

Materiálové číslo Schaeffler:
0167425400000

Technické informace



Vaše aktuální varianta produktu

Cage	MPA	Solid brass cage, outer ring guided
Tolerance class	PN	Tolerance class PN, acc. to DIN 620
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
C _r	115.000 N	Basic dynamic load rating, radial
C _{0r}	92.000 N	Basic static load rating, radial
C _{ur}	6.800 N	Fatigue load limit, radial
n _G	12.500 1/min	Limiting speed
n _{gr}	5.400 1/min	Reference speed
≈m	1,317 kg	Hmotnost

Mounting dimensions

d _{a min}	61 mm	Minimum diameter shaft shoulder
D _{a max}	99 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius



Dimensions

r_{min}	2 mm	Minimum chamfer dimension
D_1	89,55 mm	Shoulder diameter outer ring
d_1	70,5 mm	Shoulder diameter inner ring
a	56 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.

Vlastnosti

- Radiální zatížení
- Axiální zatížení v jednom směru
- Axiální zatížení ve dvou směrech
- Mazání (plastickým mazivem)
- Mazání olejem
- Neutěsněné