

FAG

7309-B-XL-MP-UA

Angular contact ball bearing

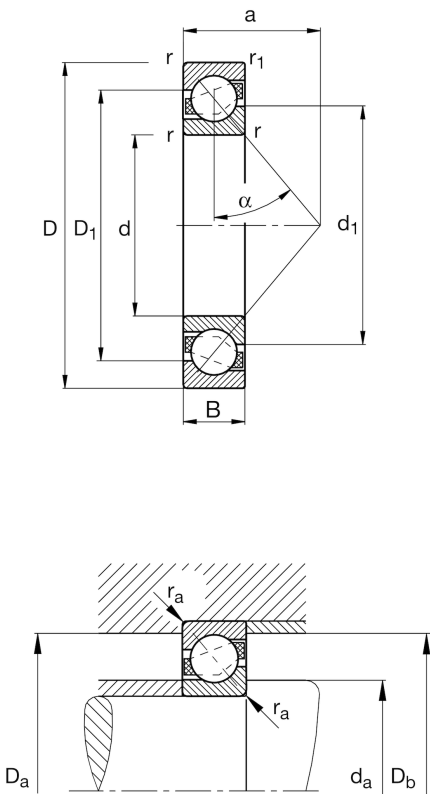
Schaeffler ID:
0167260300000

Angular contact ball bearing 73..-B-XL-MP,
single row, X-life, solid brass cage



X-life

Technical information



Main Dimensions & Performance Data

d	1,772 in	Bore diameter
D	3,937 in	Outside diameter
B	0,984 in	Width
C _r	15.512,59 lbf	Basic dynamic load rating, radial
C _{0r}	9.667,266 lbf	Basic static load rating, radial
C _{ur}	674,46 lbf	Fatigue load limit, radial
n _G	12.100 1/min	Limiting speed
n _{gr}	6.500 1/min	Reference speed
	2,028 lbs	Weight

Mounting dimensions

d _{a min}	2,126 in	Minimum diameter of shaft shoulder
D _{a max}	3,583 in	Maximum diameter of housing shoulder
D _{b max}	3,717 in	Maximum diameter of housing shoulder
r _{a max}	0,059 in	Maximum fillet radius of shaft
r _{a1 max}	0,039 in	Maximum fillet radius of housing

Dimensions

r _{min}	0,059 in	Minimum chamfer dimension
r _{1 min}	0,039 in	Minimum chamfer dimension
D ₁	3,142 in	Shoulder diameter on outer ring wide side face
d ₁	2,626 in	Shoulder diameter on inner ring wide side face
a	1,693 in	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

T _{min}	-22 °F	Operating temperature min.
T _{max}	302 °F	Operating temperature max.

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.

Additional information

A _{min}	0,00173 in	Axial clearance per set min.
Tol (+)	0,00031 in	Tolerance for axial clearance or preload per set