

FAG

7308-B-XL-MP

Angular contact ball bearing

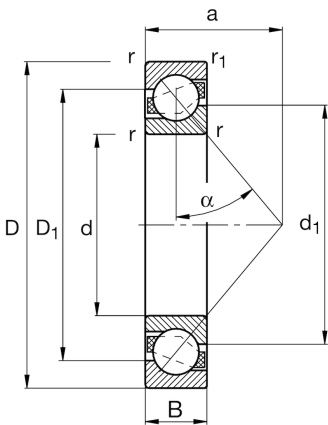
Schaeffler ID:  
0191171750000

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



X-life

Technical information



Main Dimensions & Performance Data

d	1,575 in	Bore diameter
D	3,543 in	Outside diameter
B	0,906 in	Width
C <sub>r</sub>	12.814,748 lbf	Basic dynamic load rating, radial
C <sub>0r</sub>	7.756,295 lbf	Basic static load rating, radial
C <sub>ur</sub>	537,32 lbf	Fatigue load limit, radial
n <sub>G</sub>	13.500 1/min	Limiting speed
n <sub>gr</sub>	7.100 1/min	Reference speed
	1,499 lbs	Weight

Mounting dimensions

d <sub>a min</sub>	1,929 in	Minimum diameter of shaft shoulder
D <sub>a max</sub>	3,189 in	Maximum diameter of housing shoulder
D <sub>b max</sub>	3,323 in	Maximum diameter of housing shoulder
r <sub>a max</sub>	0,059 in	Maximum fillet radius of shaft
r <sub>a1 max</sub>	0,039 in	Maximum fillet radius of housing

Dimensions

r <sub>min</sub>	0,059 in	Minimum chamfer dimension
r <sub>1 min</sub>	0,039 in	Minimum chamfer dimension
D <sub>1</sub>	2,807 in	Shoulder diameter on outer ring wide side face
d <sub>1</sub>	2,362 in	Shoulder diameter on inner ring wide side face
a	1,535 in	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

T <sub>min</sub>	-22 °F	Operating temperature min.
T <sub>max</sub>	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.