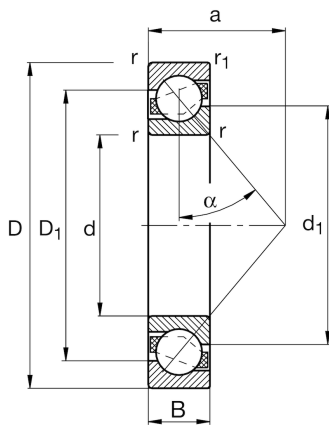


FAG**7408-B-XL-MP-UA**

Angular contact ball bearing

Schaeffler ID:
0191188210000Angular contact ball bearing 74..-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	4,331 in	Outside diameter
B	1,063 in	Width
C_r	16.861,511 lbf	Basic dynamic load rating, radial
C_{0r}	11.241,007 lbf	Basic static load rating, radial
C_{ur}	786,871 lbf	Fatigue load limit, radial
n_G	10.900 1/min	Limiting speed
$n_{\vartheta r}$	5.000 1/min	Reference speed
	3,142 lbs	{Weight}

Mounting dimensions

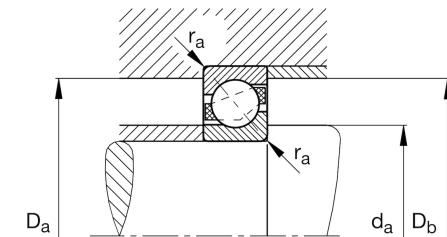
$d_{a \min}$	2,087 in	Minimum diameter of shaft shoulder
$D_{a \max}$	3,819 in	Maximum diameter of housing shoulder
$D_{b \max}$	4,11 in	Maximum diameter of housing shoulder
$r_{a \max}$	0,079 in	Maximum fillet radius of shaft
$r_{a1 \max}$	0,039 in	Maximum fillet radius of housing

Dimensions

r_{\min}	0,079 in	Minimum chamfer dimension
$r_{1 \min}$	0,039 in	Minimum chamfer dimension
D_1	3,449 in	Shoulder diameter on outer ring wide side face
d_1	2,878 in	Shoulder diameter on inner ring wide side face
a	1,772 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.



Additional information

A_{\min}	0,00157 in	Axial clearance per set min.
Tol (+)	0,00047 in	Tolerance for axial clearance or preload per set