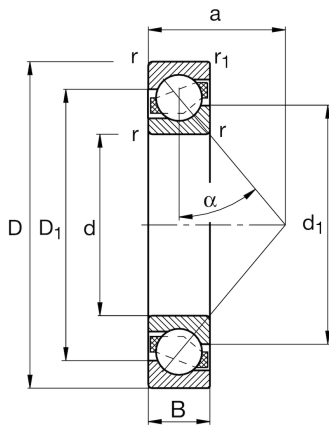


FAG**7315-B-XL-MP**

Angular contact ball bearing

Schaeffler ID:
0167263080000Angular contact ball bearing 73..-B-XL-MP,
single row, X-life, solid brass cage**X-life**

Technical information

**Main Dimensions & Performance Data**

d	2,953 in	Bore diameter
D	6,299 in	Outside diameter
B	1,457 in	Width
C_r	31.474,82 lbf	Basic dynamic load rating, radial
C_{0r}	24.055,755 lbf	Basic static load rating, radial
C_{ur}	1.551,259 lbf	Fatigue load limit, radial
n_G	7.300 1/min	Limiting speed
n_{gr}	4.500 1/min	Reference speed
	7,595 lbs	Weight

Mounting dimensions

$d_{a \min}$	3,425 in	Minimum diameter of shaft shoulder
$D_{a \max}$	5,827 in	Maximum diameter of housing shoulder
$D_{b \max}$	6,024 in	Maximum diameter of housing shoulder
$r_{a \max}$	0,083 in	Maximum fillet radius of shaft
$r_{a1 \max}$	0,039 in	Maximum fillet radius of housing

Dimensions

r_{\min}	0,083 in	Minimum chamfer dimension
$r_{1 \min}$	0,043 in	Minimum chamfer dimension
D_1	5,039 in	Shoulder diameter on outer ring wide side face
d_1	4,299 in	Shoulder diameter on inner ring wide side face
a	2,677 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.