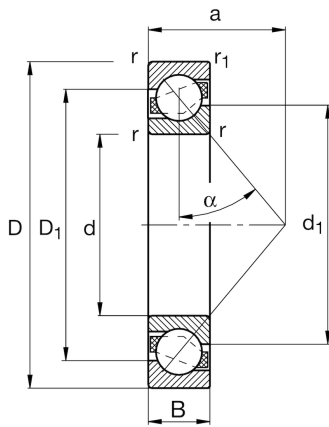


**FAG****7410-B-XL-MP**

Angular contact ball bearing

Schaeffler ID:  
0191188720000Angular contact ball bearing 74..-B-XL-MP,  
single row, X-life, solid brass cage**X-life**

## Technical information

**Main Dimensions & Performance Data**

d	1,969 in	Bore diameter
D	5,118 in	Outside diameter
B	1,22 in	Width
$C_r$	21.582,734 lbf	Basic dynamic load rating, radial
$C_{0r}$	15.512,59 lbf	Basic static load rating, radial
$C_{ur}$	1.067,896 lbf	Fatigue load limit, radial
$n_G$	9.200 1/min	Limiting speed
$n_{gr}$	4.400 1/min	Reference speed
	4,641 lbs	Weight

**Mounting dimensions**

$d_{a \min}$	2,52 in	Minimum diameter of shaft shoulder
$D_{a \max}$	4,567 in	Maximum diameter of housing shoulder
$D_{b \max}$	4,764 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
$D_1$	4,071 in	Shoulder diameter on outer ring wide side face
$d_1$	3,437 in	Shoulder diameter on inner ring wide side face
a	2,087 in	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

**Temperature range**

$T_{\min}$	-22 °F	Operating temperature min.
$T_{\max}$	302 °F	Operating temperature max.

