



FAG

## ★ 7415-B-XL-MP

Angular contact ball bearing

Schaeffler ID:  
0191189960000Angular contact ball bearing 74..-B-XL-MP,  
single row, X-life, solid brass cage

★ Preferred product

X-life

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	6,7 kg	Weight

## Main Dimensions &amp; Performance Data

d	75 mm	Bore diameter
D	190 mm	Outside diameter
B	45 mm	Width
$C_r$	167.000 N	Basic dynamic load rating, radial
$C_{0r}$	138.000 N	Basic static load rating, radial
$C_{ur}$	8.300 N	Fatigue load limit, radial
$n_G$	6.400 1/min	Limiting speed
$n_{gr}$	3.750 1/min	Reference speed

## Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
$r_{1\min}$	1,1 mm	Minimum chamfer dimension
$D_1$	144,3 mm	Shoulder diameter on outer ring wide side face
$d_1$	123,1 mm	Shoulder diameter on inner ring wide side face
a	78 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a\min}$	91 mm	Minimum diameter of shaft shoulder
$D_{a\max}$	174 mm	Maximum diameter of housing shoulder
$D_{b\max}$	181 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a\max}$	2,5 mm	Maximum fillet radius of shaft
$r_{a1\max}$	1 mm	Maximum fillet radius of housing

