



FAG

## ★ 7212-B-XL-JP

Angular contact ball bearing

Schaeffler ID:  
0191151480000Angular contact ball bearing 72..-B-XL-JP,  
single row, X-life, steel sheet metal cage

★ Preferred product

X-life

## Technical information



## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	150 °C	Operating temperature max.
	0,81 kg	Weight

## Main Dimensions &amp; Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
$C_r$	62.000 N	Basic dynamic load rating, radial
$C_{0r}$	45.000 N	Basic static load rating, radial
$C_{ur}$	3.150 N	Fatigue load limit, radial
$n_G$	8.300 1/min	Limiting speed
$n_{gr}$	6.200 1/min	Reference speed

## Dimensions

$r_{min}$	1,5 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension
$D_1$	90,8 mm	Shoulder diameter on outer ring wide side face
$d_1$	80,3 mm	Shoulder diameter on inner ring wide side face
a	47 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a min}$	69 mm	Minimum diameter of shaft shoulder
$D_{a max}$	101 mm	Maximum diameter of housing shoulder
$D_{b max}$	104,4 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	1,5 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing

