



FAG

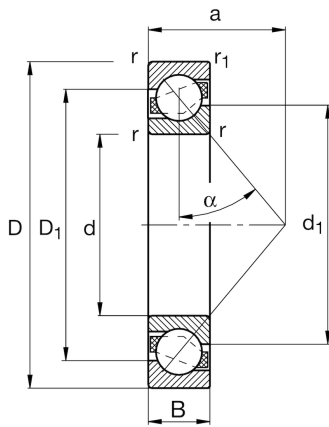
**7201-B-XL-JP**

Angular contact ball bearing

Schaeffler ID:  
0191142570000Angular contact ball bearing 72..-B-XL-JP,  
single row, X-life, steel sheet metal cage

X-life

## Technical information



## Main Dimensions &amp; Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	10 mm	Width
$C_r$	7.900 N	Basic dynamic load rating, radial
$C_{0r}$	3.550 N	Basic static load rating, radial
$C_{ur}$	248 N	Fatigue load limit, radial
$n_G$	33.000 1/min	Limiting speed
$n_{gr}$	21.100 1/min	Reference speed
	0,042 kg	Weight

## Additional information

$r_{min}$	0,6 mm	Minimum chamfer dimension
$r_{1 min}$	0,3 mm	Minimum chamfer dimension
$D_1$	24,6 mm	Shoulder diameter on outer ring wide side face
$d_1$	19,8 mm	Shoulder diameter on inner ring wide side face
a	14 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a min}$	16,2 mm	Minimum diameter of shaft shoulder
$D_{a max}$	27,8 mm	Maximum diameter of housing shoulder
$D_{b max}$	29,6 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	0,6 mm	Maximum fillet radius of shaft
$r_{a1 max}$	0,3 mm	Maximum fillet radius of housing

## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	150 °C	Operating temperature max.

