

FAG

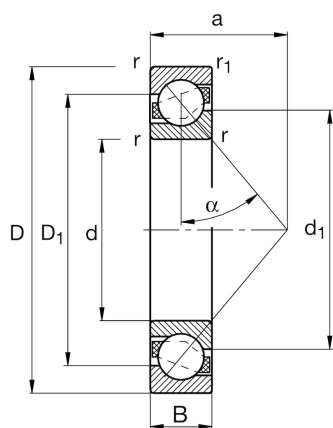
## 7216-B-XL-JP

Angular contact ball bearing

Schaeffler ID:  
0191156360000Angular 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	80 mm	Bore diameter
D	140 mm	Outside diameter
B	26 mm	Width
$C_r$	85.000 N	Basic dynamic load rating, radial
$C_{0r}$	72.000 N	Basic static load rating, radial
$C_{ur}$	4.800 N	Fatigue load limit, radial
$n_G$	6.400 1/min	Limiting speed
$n_{gr}$	4.950 1/min	Reference speed
	1,473 kg	Weight

## Additional information

$r_{min}$	2 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension
$D_1$	117,2 mm	Shoulder diameter on outer ring wide side face
$d_1$	102,9 mm	Shoulder diameter on inner ring wide side face
a	59 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
$D_{a max}$	129 mm	Maximum diameter of housing shoulder
$D_{b max}$	134,4 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	2 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing

## Temperature range

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

