



FAG

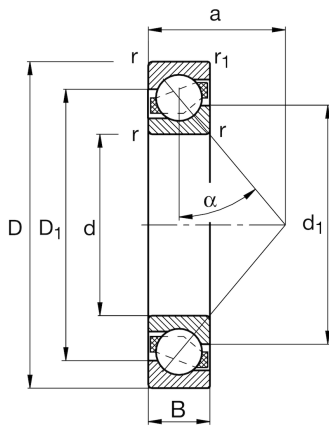
7321-B-XL-MP

Angular contact ball bearing

Schaeffler ID:
0191182950000Angular contact ball bearing 73..-B-XL-MP,
single row, X-life, solid brass cage

X-life

Technical information

**Main Dimensions & Performance Data**

d	105 mm	Bore diameter
D	225 mm	Outside diameter
B	49 mm	Width
C_r	225.000 N	Basic dynamic load rating, radial
C_{0r}	214.000 N	Basic static load rating, radial
C_{ur}	11.500 N	Fatigue load limit, radial
n_G	5.100 1/min	Limiting speed
n_{gr}	3.400 1/min	Reference speed
	9,3 kg	Weight

Additional information

r_{min}	3 mm	Minimum chamfer dimension
$r_{1 min}$	1,1 mm	Minimum chamfer dimension
D_1	178,9 mm	Shoulder diameter on outer ring wide side face
d_1	154 mm	Shoulder diameter on inner ring wide side face
a	94 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	119 mm	Minimum diameter of shaft shoulder
$D_{a max}$	211 mm	Maximum diameter of housing shoulder
$D_{b max}$	218 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

Temperature range

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

