

FAG

7302-B-XL-MP

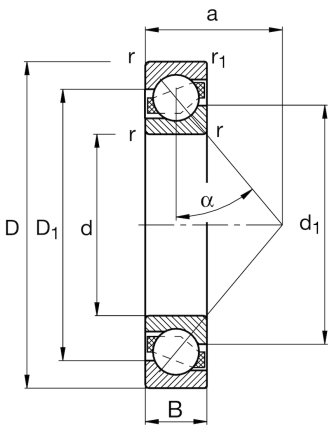
Angular contact ball bearing

Schaeffler ID:
\${ctx.productData.sapMaterialNumber}

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

X-life

Technical information



Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	42 mm	Outside diameter
B	13 mm	Width
C _r	13.900 N	Basic dynamic load rating, radial
C _{0r}	6.400 N	Basic static load rating, radial
C _{ur}	440 N	Fatigue load limit, radial
n _G	32.000 1/min	Limiting speed
n _{gr}	14.300 1/min	Reference speed
	0,089 kg	Weight

Additional information

r _{min}	1 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
D ₁	31,7 mm	Shoulder diameter on outer ring wide side face
d ₁	26 mm	Shoulder diameter on inner ring wide side face
a	18 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d _{a min}	20,6 mm	Minimum diameter of shaft shoulder
D _{a max}	36,4 mm	Maximum diameter of housing shoulder
D _{b max}	37,8 mm	Maximaler Durchmesser der Gehäuseschulter
r _{a max}	1 mm	Maximum fillet radius of shaft
r _{a1 max}	0,6 mm	Maximum fillet radius of housing

Temperature range

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