



FAG

★ 7301-B-XL-JP

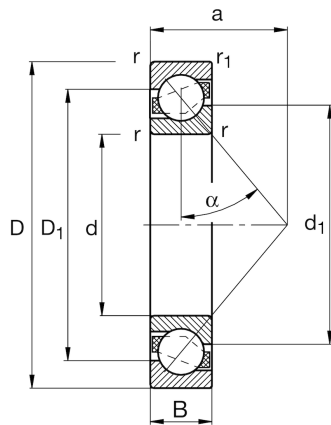
Angular contact ball bearing

Schaeffler ID:
0167257780000Angular contact ball bearing 73..-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.
	0,063 kg	Weight

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	37 mm	Outside diameter
B	12 mm	Width
C_r	12.200 N	Basic dynamic load rating, radial
C_{0r}	5.300 N	Basic static load rating, radial
C_{ur}	365 N	Fatigue load limit, radial
n_G	28.000 1/min	Limiting speed
n_{gr}	16.300 1/min	Reference speed

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
r_{1min}	0,6 mm	Minimum chamfer dimension
D_1	27,2 mm	Shoulder diameter on outer ring wide side face
d_1	22,3 mm	Shoulder diameter on inner ring wide side face
a	16 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d_{amin}	17,6 mm	Minimum diameter of shaft shoulder
D_{amax}	31,4 mm	Maximum diameter of housing shoulder
D_{bmax}	32,8 mm	Maximaler Durchmesser der Gehäuseschulter
r_{amax}	1 mm	Maximum fillet radius of shaft
r_{a1max}	0,6 mm	Maximum fillet radius of housing

