



FAG

★ 7310-B-XL-MP

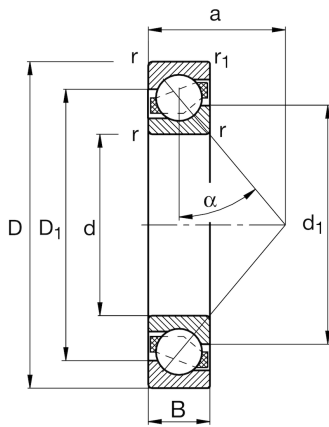
Angular contact ball bearing

Schaeffler ID:
0191174000000Angular contact ball bearing 73..-B-XL-MP,
single row, X-life, solid brass cage

★ Preferred product

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.
	1,19 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	27 mm	Width
C_r	75.000 N	Basic dynamic load rating, radial
C_{0r}	50.000 N	Basic static load rating, radial
C_{ur}	3.500 N	Fatigue load limit, radial
n_G	9.900 1/min	Limiting speed
n_{gr}	6.100 1/min	Reference speed

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
r_{1min}	1 mm	Minimum chamfer dimension
D_1	87,6 mm	Shoulder diameter on outer ring wide side face
d_1	73,1 mm	Shoulder diameter on inner ring wide side face
a	47 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d_{amin}	61 mm	Minimum diameter of shaft shoulder
D_{amax}	99 mm	Maximum diameter of housing shoulder
D_{bmax}	104,4 mm	Maximaler Durchmesser der Gehäuseschulter
r_{amax}	2 mm	Maximum fillet radius of shaft
r_{a1max}	1 mm	Maximum fillet radius of housing

