



FAG

★ 7318-B-XL-MP

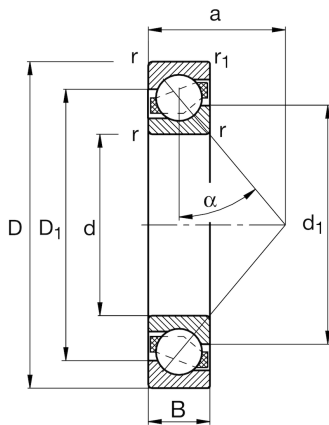
Angular contact ball bearing

Schaeffler ID:
0167264210000Angular 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.
	5,6 kg	Weight

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	190 mm	Outside diameter
B	43 mm	Width
C_r	180.000 N	Basic dynamic load rating, radial
C_{0r}	155.000 N	Basic static load rating, radial
C_{ur}	9.100 N	Fatigue load limit, radial
n_G	6.000 1/min	Limiting speed
n_{gr}	3.900 1/min	Reference speed

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
r_{1min}	1,1 mm	Minimum chamfer dimension
D_1	152,4 mm	Shoulder diameter on outer ring wide side face
d_1	130,12 mm	Shoulder diameter on inner ring wide side face
a	80 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d_{amin}	104 mm	Minimum diameter of shaft shoulder
D_{amax}	176 mm	Maximum diameter of housing shoulder
D_{bmax}	183 mm	Maximaler Durchmesser der Gehäuseschulter
r_{amax}	2,5 mm	Maximum fillet radius of shaft
r_{a1max}	1 mm	Maximum fillet radius of housing

