

FAG

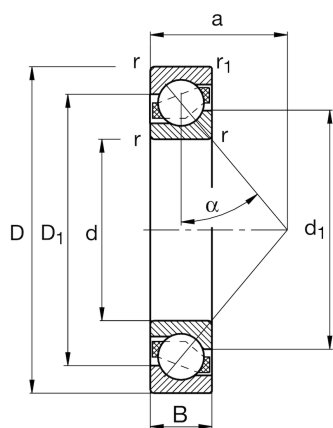
7207-B-XL-MP

Angular contact ball bearing

Schaeffler ID:
0381260870000Angular contact ball bearing 72..-B-XL-MP,
single row, X-life, solid brass cage

X-life

Technical information

**Main Dimensions & Performance Data**

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C_r	30,000 N	Basic dynamic load rating, radial
C_{0r}	19,000 N	Basic static load rating, radial
C_{ur}	1,320 N	Fatigue load limit, radial
n_G	17,400 1/min	Limiting speed
n_{gr}	9,600 1/min	Reference speed
	0.003 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
r_{1min}	0.6 mm	Minimum chamfer dimension
D_1	57.6 mm	Shoulder diameter on outer ring wide side face
d_1	50.17 mm	Shoulder diameter on inner ring wide side face
a	31 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d_{amin}	42 mm	Minimum diameter of shaft shoulder
D_{amax}	65 mm	Maximum diameter of housing shoulder
D_{bmax}	67.8 mm	Maximaler Durchmesser der Gehäuseschulter
r_{amax}	1 mm	Maximum fillet radius of shaft
r_{a1max}	0.6 mm	Maximum fillet radius of housing

Temperature range

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

