

FAG

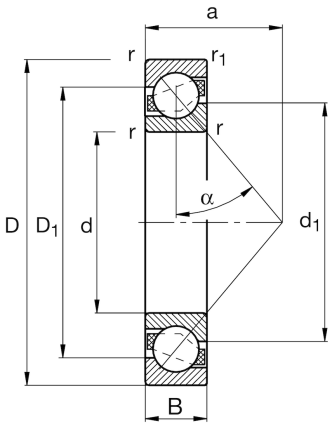
7234-B-MP

Angular contact ball bearing

Schaeffler ID:
0191163060000

Angular contact ball bearing 72..-B-MP,
single row, solid brass cage

Technical information



Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	310 mm	Outside diameter
B	52 mm	Width
C _r	270.000 N	Basic dynamic load rating, radial
C _{0r}	355.000 N	Basic static load rating, radial
C _{ur}	11.900 N	Fatigue load limit, radial
n _G	3.250 1/min	Limiting speed
n _{gr}	2.440 1/min	Reference speed
	16,7 kg	Weight

Additional information

r _{min}	4 mm	Minimum chamfer dimension
r _{1 min}	1,5 mm	Minimum chamfer dimension
D ₁	255,8 mm	Shoulder diameter on outer ring wide side face
d ₁	227,4 mm	Shoulder diameter on inner ring wide side face
a	127 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

d _{a min}	187 mm	Minimum diameter of shaft shoulder
D _{a max}	293 mm	Maximum diameter of housing shoulder
D _{b max}	301 mm	Maximaler Durchmesser der Gehäuseschulter
r _{a max}	3 mm	Maximum fillet radius of shaft
r _{a1 max}	1,5 mm	Maximum fillet radius of housing

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

