

FAG

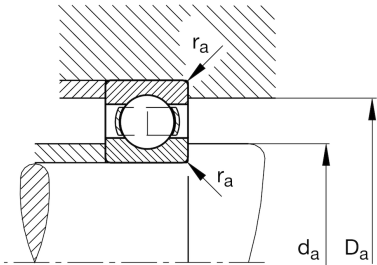
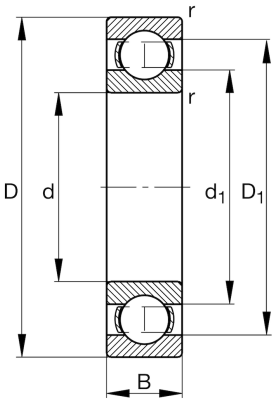
61952-M

Deep groove ball bearing

Schaeffler ID:
0190990020000

Deep groove ball bearing 619...-M, single
row, solid brass cage

Technical information



Main Dimensions & Performance Data

d	260 mm	Bore diameter
D	360 mm	Outside diameter
B	46 mm	Width
C _r	222.000 N	Basic dynamic load rating, radial
C _{0r}	280.000 N	Basic static load rating, radial
C _{ur}	8.800 N	Fatigue load limit, radial
n _G	3.050 1/min	Limiting speed
n _{gr}	2.180 1/min	Reference speed
≈m	14,289 kg	Weight

Mounting dimensions

d _{a min}	270,2 mm	Minimum diameter shaft shoulder
D _{a max}	349,8 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	330 mm	Shoulder diameter outer ring
d ₁	291,1 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f ₀	16,3	Calculation factor
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