

FAG

★ 6301-2Z

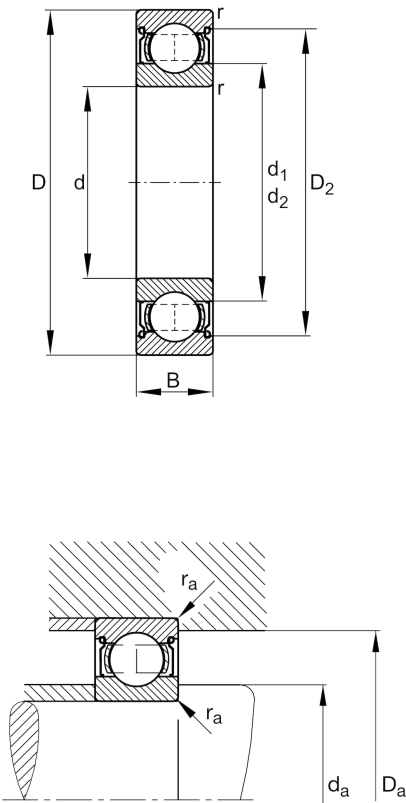
Deep groove ball bearing

Schaeffler ID:
0167226710000

★ Preferred product

Deep groove ball bearing 63...2Z, single row, shields, steel sheet metal cage

Technical information



Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

59,8 g Weight

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	37 mm	Outside diameter
B	12 mm	Width
C _r	10.300 N	Basic dynamic load rating, radial
C _{0r}	4.200 N	Basic static load rating, radial
C _{ur}	290 N	Fatigue load limit, radial
n _G	24.000 1/min	Limiting speed
n _{gr}	20.000 1/min	Reference speed

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₂	31,4 mm	Caliber diameter outer ring
d ₁	19,5 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	17,6 mm	Minimum diameter shaft shoulder
D _{a max}	31,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Calculation factors

f ₀	11,1	Calculation factor
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