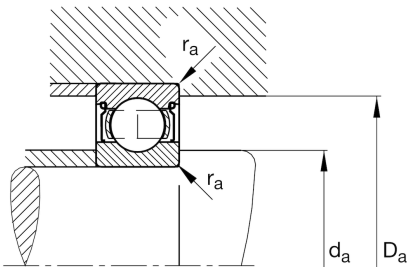
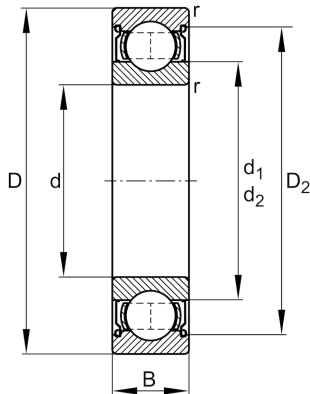


**FAG****61904-2Z**

Deep groove ball bearing

Deep groove ball bearing 619...-2Z, single row, shields, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	37 mm	Outside diameter
B	9 mm	Width
C _r	6,380 N	Basic dynamic load rating, radial
C _{0r}	3,680 N	Basic static load rating, radial
C _{ur}	233 N	Fatigue load limit, radial
n _G	24,200 1/min	Limiting speed
n _{gr}	17,000 1/min	Reference speed
≈m	37 g	Weight

Mounting dimensions

d _{a min}	22 mm	Minimum diameter shaft shoulder
D _{a max}	35 mm	Maximum diameter of housing shoulder
r _{a max}	0.3 mm	Maximum fillet radius

Dimensions

r _{min}	0.3 mm	Minimum chamfer dimension
D ₂	33.5 mm	Caliber diameter outer ring
d ₂	23.7 mm	Caliber diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

f ₀	14.8	Calculation factor
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