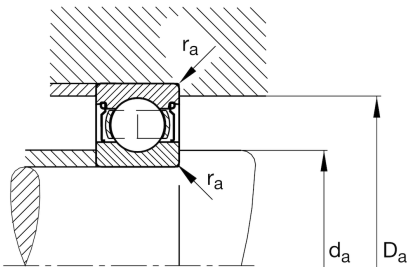
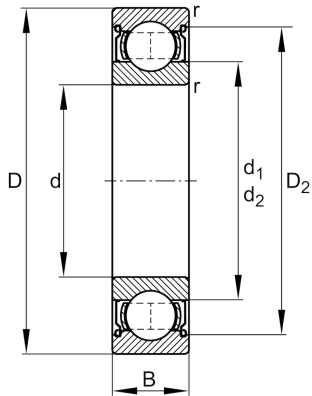


**FAG****61900-2Z**

Deep groove ball bearing

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

Technical information



Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	22 mm	Outside diameter
B	6 mm	Width
C _r	2,700 N	Basic dynamic load rating, radial
C _{0r}	1,270 N	Basic static load rating, radial
C _{ur}	67 N	Fatigue load limit, radial
n _G	41,000 1/min	Limiting speed
n _{gr}	27,000 1/min	Reference speed
≈m	12 g	Weight

Mounting dimensions

d _{a min}	12 mm	Minimum diameter shaft shoulder
D _{a max}	20 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	19.4 mm	Caliber diameter outer ring
d ₂	13.2 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	Calculation factor
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