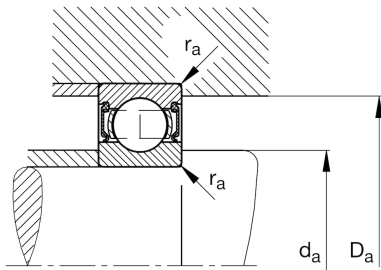
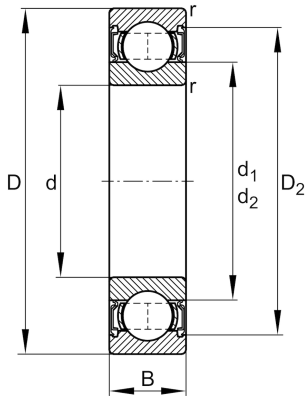


**FAG****61800-2RSR**

Deep groove ball bearing

Deep groove ball bearing 618...-2RSR, single row, seals, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	19 mm	Outside diameter
B	5 mm	Width
C _r	1,720 N	Basic dynamic load rating, radial
C _{0r}	840 N	Basic static load rating, radial
C _{ur}	58 N	Fatigue load limit, radial
n _G	21,000 1/min	Limiting speed
≈m	0.006 kg	Weight

Mounting dimensions

d _{a min}	12 mm	Minimum diameter shaft shoulder
D _{a max}	17 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	17.2 mm	Caliber diameter outer ring
d ₂	11.8 mm	Caliber diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	14.8	Calculation factor
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