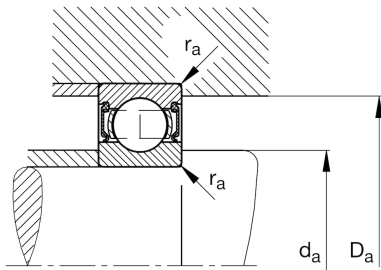
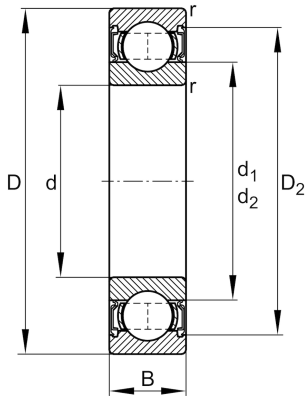


**FAG****61804-2RSR>N**

Deep groove ball bearing

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

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	32 mm	Outside diameter
B	7 mm	Width
C _r	4,020 N	Basic dynamic load rating, radial
C _{0r}	2,460 N	Basic static load rating, radial
C _{ur}	111 N	Fatigue load limit, radial
n _G	11,500 1/min	Limiting speed
≈m	0.017 kg	Weight

Mounting dimensions

d _{a min}	22 mm	Minimum diameter shaft shoulder
D _{a max}	30 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	29.5 mm	Caliber diameter outer ring
d ₂	22.6 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	15.4	Calculation factor
----------------	------	--------------------