



FAG

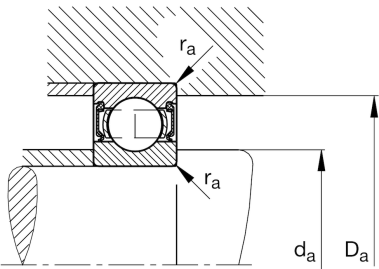
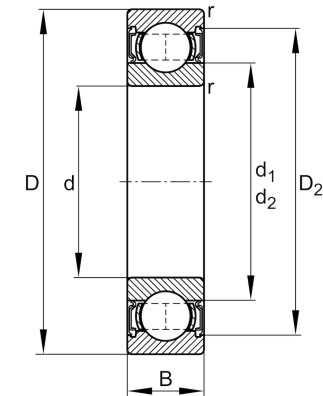
S61801-2RSR-HLC

Deep groove ball bearing

Schaeffler ID:
0553985450000

Deep groove ball bearing S618..-2RSR, corrosion-resistant materials, single row, seals, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	21 mm	Outside diameter
B	5 mm	Width
C _r	1.630 N	Basic dynamic load rating, radial
C _{0r}	834 N	Basic static load rating, radial
C _{ur}	47,5 N	Fatigue load limit, radial
n _G	18.100 1/min	Limiting speed
	6,5 g	Weight

Dimensions

d _{a min}	14 mm	Minimum diameter shaft shoulder
r _{min}	0,3 mm	Minimum chamfer dimension
D _{a max}	19 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum fillet radius
D ₂	19,2 mm	Caliber diameter outer ring
d ₁	13,8 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f ₀	12,3	Calculation factor
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