



FAG

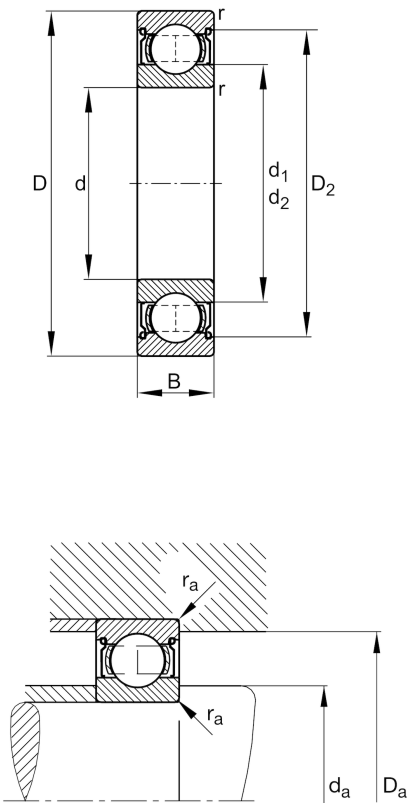
S692-2Z

Deep groove ball bearing

Schaeffler ID:
0552145500000

Deep groove ball bearing S69...-2Z, corrosion-resistant materials, single row, shields, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	2 mm	Bore diameter
D	6 mm	Outside diameter
B	3 mm	Width
C _r	281 N	Basic dynamic load rating, radial
C _{0r}	79 N	Basic static load rating, radial
C _{ur}	2.7 N	Fatigue load limit, radial
n _G	112,000 1/min	Limiting speed
	0.55 g	Weight

Dimensions

r _{min}	0.15 mm	Minimum chamfer dimension
D ₂	5.4 mm	Caliber diameter outer ring
d ₁	3 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	2.8 mm	Minimum diameter shaft shoulder
D _{a max}	5.2 mm	Maximum diameter of housing shoulder
r _{a max}	0.15 mm	Maximum fillet radius

Temperature range

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

Calculation factors

f ₀	9.1	Calculation factor
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