

FAG**62201-A-2RSR**

Deep groove ball bearing

Schaeffler ID:
0596145360000Deep groove ball bearing 622..-A-2RSR,
single row, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	14 mm	Width
C _r	6.890 N	Basic dynamic load rating, radial
C _{0r}	3.090 N	Basic static load rating, radial
C _{ur}	243 N	Fatigue load limit, radial
n _G	14.700 1/min	Limiting speed
	0,049 kg	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₂	27,9 mm	Caliber diameter outer ring
d ₁	18,3 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	16,2 mm	Minimum diameter shaft shoulder
D _{a max}	27,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius

Calculation factors

f ₀	12,3	Calculation factor
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Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	110 °C	Operating temperature max.