



FAG

6001-C-2HRS
Deep groove ball bearing

Schaeffler ID:
0592088990000

Deep groove ball bearing 60...-C-2HRS,
single row, Generation C, seals, steel
sheet metal cage

Technical information

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	28 mm	Outside diameter
B	8 mm	Width
C _r	5.900 N	Basic dynamic load rating, radial
C _{0r}	2.370 N	Basic static load rating, radial
C _{ur}	164 N	Fatigue load limit, radial
n _G	24.900 1/min	Limiting speed
	0,021 kg	Weight

Mounting dimensions

d _{a min}	14 mm	Minimum diameter shaft shoulder
D _{a max}	26 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	25,1 mm	Caliber diameter outer ring
d ₂	15,7 mm	Caliber diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	13,1	Calculation factor
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