

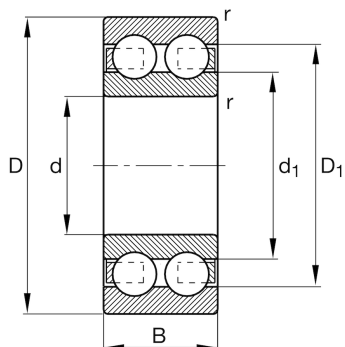
FAG

4201-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219415050000Deep groove ball bearings 42..-BB-TVH,
main dimensions to DIN 625-3, double row

Technical information

**Main Dimensions & Performance Data**

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	14 mm	Width
r _{min}	0,6 mm	Minimum chamfer dimension
C _r	11.100 N	Basic dynamic load rating, radial
C _{0r}	6.100 N	Basic static load rating, radial
C _{ur}	320 N	Fatigue load limit, radial
n _G	19.000 1/min	Limiting speed
n _{gr}	19.100 1/min	Reference speed
	51 g	Weight

Dimensions

D ₁	25,8 mm	Shoulder diameter outer ring
d ₁	17,8 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

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

f ₀	12,3	Calculation factor
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