

FAG

★ 4200-BB-TVH

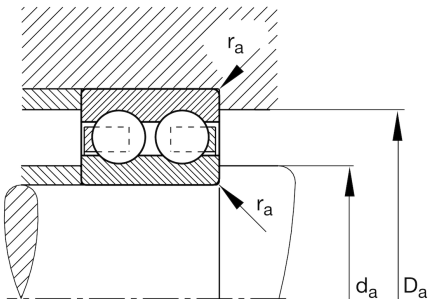
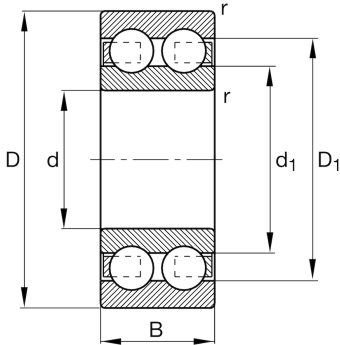
Deep groove ball bearing

Schaeffler ID:
0219414750000

★ Preferred product

Deep groove ball bearing 42...-BB-TVH,
double row, plastic cage

Technical information



Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	30 mm	Outside diameter
B	14 mm	Width
C _r	8.300 N	Basic dynamic load rating, radial
C _{0r}	4.750 N	Basic static load rating, radial
C _{ur}	247 N	Fatigue load limit, radial
n _G	21.800 1/min	Limiting speed
n _{gr}	21.600 1/min	Reference speed
	0,051 kg	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₁	23 mm	Shoulder diameter outer ring
d ₁	16,6 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	14,2 mm	Minimum diameter shaft shoulder
D _{a max}	25,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius

Calculation factors

f ₀	13,1	Calculation factor
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Temperature range

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