

FAG

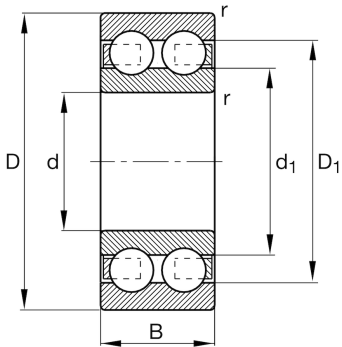
★ 4201-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219415050000Deep groove ball bearing 42...BB-TVH,
double row, plastic cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	51 g	Weight

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	14 mm	Width
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

Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
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

Calculation factors

f_0	12,3	Calculation factor
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