

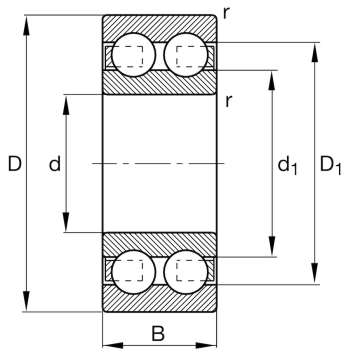
FAG

4201-BB-TVH

Deep groove ball bearing

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

Technical information

**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
	51 g	Weight

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
-------	------	--------------------

Temperature range

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

