

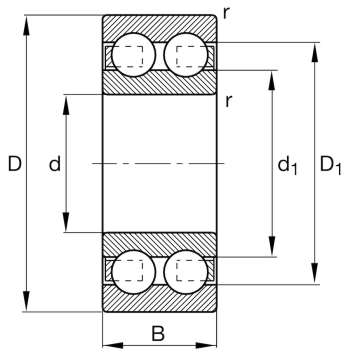
FAG

4304-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219415480000Deep groove ball bearing 43..-BB-TVH,
double row, plastic cage

Technical information

**Main Dimensions & Performance Data**

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	21 mm	Width
C _r	26,000 N	Basic dynamic load rating, radial
C _{0r}	16,800 N	Basic static load rating, radial
C _{ur}	870 N	Fatigue load limit, radial
n _G	11,100 1/min	Limiting speed
n _{gr}	9,300 1/min	Reference speed
	0.21 kg	Weight

Dimensions

r _{min}	1.1 mm	Minimum chamfer dimension
D ₁	42.3 mm	Shoulder diameter outer ring
d ₁	31.5 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	27 mm	Minimum diameter shaft shoulder
D _{a max}	45 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Calculation factors

f ₀	13	Calculation factor
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Temperature range

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

