

FAG**3201-BB-2Z-TVH**

Angular contact ball bearing

Schaeffler ID:
0214727340000

Angular contact ball bearing 32..-B-2Z-TVH, double row, shields, plastic cage

Technical information

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	32 mm	Outside diameter
B	15,9 mm	Width
C _r	10.500 N	Basic dynamic load rating, radial
C _{0r}	5.800 N	Basic static load rating, radial
C _{ur}	300 N	Fatigue load limit, radial
n _G	18.400 1/min	Limiting speed
n _{gr}	20.000 1/min	Reference speed
	0,06 kg	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₂	27,8 mm	Caliber diameter outer ring
d ₂	17,2 mm	Caliber diameter inner ring
a	16,5 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

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.