

**FAG****3312-B-TVH**

Angular contact ball bearing

Schaeffler ID:  
0167138260000Angular contact ball bearing 33..-B-TVH,  
double row, plastic cage

## Technical information

**Main Dimensions & Performance Data**

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	54 mm	Width
C <sub>r</sub>	126.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	103.000 N	Basic static load rating, radial
C <sub>ur</sub>	5.300 N	Fatigue load limit, radial
n <sub>G</sub>	3.950 1/min	Limiting speed
n <sub>gr</sub>	5.000 1/min	Reference speed
	2,847 kg	Weight

**Dimensions**

r <sub>min</sub>	2,1 mm	Minimum chamfer dimension
D <sub>1</sub>	108,7 mm	Shoulder diameter outer ring
D <sub>2</sub>	115,7 mm	Caliber diameter outer ring
d <sub>1</sub>	81,6 mm	Shoulder diameter inner ring
d <sub>2</sub>	77,24 mm	Caliber diameter inner ring
a	67,3 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

**Mounting dimensions**

d <sub>a min</sub>	72 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	118 mm	Maximum diameter of housing shoulder
r <sub>a max</sub>	2,1 mm	Maximum fillet radius

**Temperature range**

T <sub>min</sub>	-20 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.