



# NTN BEARING CORP.OF AMERICA



## 45 mm x 100 mm x 36 mm FAG 2309-TVH Self Aligning Ball Bearings

Bearing No. 2309-TVH

2309-TVH Bearing 2D drawings and 3D CAD models

Size	45x100x36 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	36 mm
d	45 mm
D	100 mm
B	36 mm
D <sub>1</sub>	84,2 mm
D <sub>a max</sub>	91 mm
d <sub>1</sub>	60,1 mm
d <sub>a min</sub>	54 mm
r <sub>a max</sub>	1,5 mm
r <sub>min</sub>	1,5 mm
m	1,22 kg / Weight
C <sub>r</sub>	55000 N / Dynamic load rating (radial)
e	0,43
Y <sub>1</sub>	1,48
Y <sub>2</sub>	2,29
C <sub>0r</sub>	16500 N / Static load rating (radial)
Y <sub>0</sub>	1,55
n <sub>G</sub>	7000 1/min / Limiting speed
n <sub>B</sub>	9400 1/min / Reference speed



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$C_{ur}$	1030 N / Fatigue limit load, radial
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