

# 3309-BD FAG d 45 mm 45x100x39.7mm Angular contact ball bearings

Bearing number	3309-BD
Size (mm)	45x100x39.7
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	39.7
d	45 mm
D	100 mm
B	39.7 mm
a	57.8 mm
D <sub>1</sub>	84.4 mm
D <sub>a max</sub>	91 mm
d <sub>1</sub>	65.5 mm
d <sub>a min</sub>	54 mm
r <sub>a max</sub>	1.5 mm
r <sub>min</sub>	1.5 mm
α	30 ° / Angle
m	1.35 kg / Weight
C <sub>r</sub>	72000 N / Dynamic load rating (radial)
C <sub>0r</sub>	54000 N / Static load rating (radial)
C <sub>ur</sub>	3600 N / Fatigue limit load. radial
n <sub>G</sub>	7300 1/min / Limiting speed

$n_B$	6500 1/min / Reference speed
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