

# 3209-BD FAG 45x85x30.2mm ra max 1 mm Angular contact ball bearings

Bearing number	3209-BD
Size (mm)	45x85x30.2
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	30.2
d	45 mm
D	85 mm
B	30.2 mm
a	50.728 mm
D <sub>1</sub>	75.1 mm
D <sub>a max</sub>	78 mm
d <sub>1</sub>	59.9 mm
d <sub>a min</sub>	52 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1.1 mm
α	30 ° / Angle
m	0.622 kg / Weight
C <sub>r</sub>	50000 N / Dynamic load rating (radial)
C <sub>0r</sub>	39000 N / Static load rating (radial)
C <sub>ur</sub>	2650 N / Fatigue limit load. radial
n <sub>G</sub>	8300 1/min / Limiting speed

$n_B$	8400 1/min / Reference speed
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