

# 3221-M FAG 105x190x65.1mm nB 4000 1/min / Reference speed Angular contact ball bearings

Bearing number	3221-M
Size (mm)	105x190x65.1
Brand	FAG
Bore Diameter (mm)	105
Outer Diameter (mm)	190
Width (mm)	65.1
d	105 mm
D	190 mm
B	65.1 mm
a	135 mm
D <sub>1</sub>	172.9 mm
D <sub>a max</sub>	178 mm
d <sub>1</sub>	138 mm
d <sub>a min</sub>	117 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
α	35 ° / Angle
m	7.78 kg / Weight
C <sub>r</sub>	213000 N / Dynamic load rating (radial)
C <sub>0r</sub>	247000 N / Static load rating (radial)
n <sub>G</sub>	4600 1/min / Limiting speed
n <sub>B</sub>	4000 1/min / Reference speed

$C_{ur}$	11100 N / Fatigue limit load. radial
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