

# 1321-M FAG 105x225x49mm Cr 158000 N / Dynamic load rating (radial) Self aligning ball bearings

Bearing number	1321-M
Size (mm)	105x225x49
Brand	FAG
Bore Diameter (mm)	105
Outer Diameter (mm)	225
Width (mm)	49
d	105 mm
D	225 mm
B	49 mm
C <sub>1</sub>	2.5 mm
D <sub>1</sub>	191.3 mm
D <sub>a max</sub>	211 mm
d <sub>1</sub>	143.2 mm
d <sub>a min</sub>	119 mm
r <sub>a max</sub>	2.5 mm
r <sub>min</sub>	3 mm
m	10.3 kg / Weight
C <sub>r</sub>	158000 N / Dynamic load rating (radial)
e	0.23
Y <sub>1</sub>	2.75
Y <sub>2</sub>	4.25

$C_{0r}$	64000 N / Static load rating (radial)
$Y_0$	2.88
$n_G$	4500 1/min / Limiting speed
$n_B$	5200 1/min / Reference speed
$C_{ur}$	3100 N