

# 1320-M FAG nB 5400 1/min / Reference speed 100x215x47mm Self aligning ball bearings

Bearing number	1320-M
Size (mm)	100x215x47
Brand	FAG
Bore Diameter (mm)	100
Outer Diameter (mm)	215
Width (mm)	47
d	100 mm
D	215 mm
B	47 mm
C <sub>1</sub>	2.4 mm
D <sub>1</sub>	182.6 mm
D <sub>a max</sub>	201 mm
d <sub>1</sub>	135.5 mm
d <sub>a min</sub>	114 mm
r <sub>a max</sub>	2.5 mm
r <sub>min</sub>	3 mm
m	9.06 kg / Weight
C <sub>r</sub>	145000 N / Dynamic load rating (radial)
e	0.24
Y <sub>1</sub>	2.68
Y <sub>2</sub>	4.15
C <sub>0r</sub>	57000 N / Static load rating (radial)

$Y_{\theta}$	2.81
$n_G$	4800 1/min / Limiting speed
$n_B$	5400 1/min / Reference speed
$C_{ur}$	2800 N