

# 1314-M FAG Cr 75000 N / Dynamic load rating (radial) 70x150x35mm Self aligning ball bearings

Bearing number	1314-M
Size (mm)	70x150x35
Brand	FAG
Bore Diameter (mm)	70
Outer Diameter (mm)	150
Width (mm)	35
d	70 mm
D	150 mm
B	35 mm
D <sub>1</sub>	126.4 mm
D <sub>a max</sub>	138 mm
d <sub>1</sub>	97.7 mm
d <sub>a min</sub>	82 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
m	3.22 kg / Weight
C <sub>r</sub>	75000 N / Dynamic load rating (radial)
e	0.23
Y <sub>1</sub>	2.79
Y <sub>2</sub>	4.32
C <sub>0r</sub>	27500 N / Static load rating (radial)

$Y_{\theta}$	2.93
$n_G$	7000 1/min / Limiting speed
$n_B$	6900 1/min / Reference speed
$C_{ur}$	1620 N / Fatigue limit load. radial