

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_1	126.4 mm
$D_{a \max}$	138 mm
d_1	97.7 mm
$d_{a \min}$	82 mm
$r_{a \max}$	2.1 mm
r_{\min}	2.1 mm
m	3.22 kg / Weight
C_r	75000 N / Dynamic load rating (radial)
e	0.23
Y_1	2.79
Y_2	4.32
C_{0r}	27500 N / Static load rating (radial)

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