

# 2314-M FAG m 4.38 kg / Weight 70x150x51mm Self aligning ball bearings

Bearing number	2314-M
Size (mm)	70x150x51
Brand	FAG
Bore Diameter (mm)	70
Outer Diameter (mm)	150
Width (mm)	51
d	70 mm
D	150 mm
B	51 mm
D <sub>1</sub>	127.2 mm
D <sub>a max</sub>	138 mm
d <sub>1</sub>	91.5 mm
d <sub>a min</sub>	82 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
m	4.38 kg / Weight
C <sub>r</sub>	112000 N / Dynamic load rating (radial)
e	0.38
Y <sub>1</sub>	1.65
Y <sub>2</sub>	2.55
C <sub>0r</sub>	37000 N / Static load rating (radial)
Y <sub>0</sub>	1.73

$n_G$	6300 1/min / Limiting speed
$n_B$	6900 1/min / Reference speed
$C_{ur}$	2210 N / Fatigue limit load. radial