

# 2220-K-M-C3 FAG C0r 40000 N / Static load rating (radial) 100x180x46mm Self aligning ball bearings

Bearing number	2220-K-M-C3
Size (mm)	100x180x46
Brand	FAG
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	46
d	100 mm
D	180 mm
B	46 mm
D <sub>1</sub>	156.9 mm
D <sub>a max</sub>	168 mm
d <sub>1</sub>	124.4 mm
d <sub>a min</sub>	112 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
m	5.1 kg / Weight
C <sub>r</sub>	98000 N / Dynamic load rating (radial)
e	0.27
Y <sub>1</sub>	2.33
Y <sub>2</sub>	3.61
C <sub>0r</sub>	40000 N / Static load rating (radial)

$Y_{\theta}$	2.44
$n_G$	5600 1/min / Limiting speed
$n_B$	5400 1/min / Reference speed
$C_{ur}$	2120 N / Fatigue limit load. radial