

2220-M FAG Y0 2.44 100x180x46mm Self aligning ball bearings

Bearing number	2220-M
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_1	156.9 mm
$D_{a \max}$	168 mm
d_1	124.4 mm
$d_{a \min}$	112 mm
$r_{a \max}$	2.1 mm
r_{\min}	2.1 mm
m	5.21 kg / Weight
C_r	98000 N / Dynamic load rating (radial)
e	0.27
Y_1	2.33
Y_2	3.61
C_{0r}	40000 N / Static load rating (radial)
Y_0	2.44

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