

# 2222-M FAG 110x200x53mm Y0

## 2.33 Self aligning ball bearings

Bearing number	2222-M
Size (mm)	110x200x53
Brand	FAG
Bore Diameter (mm)	110
Outer Diameter (mm)	200
Width (mm)	53
d	110 mm
D	200 mm
B	53 mm
$D_1$	174.1 mm
$D_{a \max}$	188 mm
$d_1$	136.9 mm
$d_{a \min}$	122 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	7.45 kg / Weight
$C_r$	126000 N / Dynamic load rating (radial)
e	0.28
$Y_1$	2.23
$Y_2$	3.45
$C_{0r}$	51000 N / Static load rating (radial)
$Y_0$	2.33

$n_G$	5000 1/min / Limiting speed
$n_B$	5200 1/min / Reference speed
$C_{ur}$	2550 N / Fatigue limit load. radial