

# 1220-M FAG da min 112 mm 100x180x34mm Self aligning ball bearings

Bearing number	1220-M
Size (mm)	100x180x34
Brand	FAG
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	34
d	100 mm
D	180 mm
B	34 mm
$D_1$	155.2 mm
$D_{a \max}$	168 mm
$d_1$	127.7 mm
$d_{a \min}$	112 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	3.99 kg / Weight
$C_r$	70000 N / Dynamic load rating (radial)
e	0.18
$Y_1$	3.58
$Y_2$	5.53
$C_{0r}$	29500 N / Static load rating (radial)
$Y_0$	3.75

$n_G$	5600 1/min / Limiting speed
$n_B$	6100 1/min / Reference speed
$C_{ur}$	1550 N / Fatigue limit load. radial