

# 1221-M FAG 105x190x36mm Y1

## 3.54 Self aligning ball bearings

Bearing number	1221-M
Size (mm)	105x190x36
Brand	FAG
Bore Diameter (mm)	105
Outer Diameter (mm)	190
Width (mm)	36
d	105 mm
D	190 mm
B	36 mm
$D_1$	164.4 mm
$D_{a \max}$	178 mm
$d_1$	133.9 mm
$d_{a \min}$	117 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	4.75 kg / Weight
$C_r$	75000 N / Dynamic load rating (radial)
e	0.18
$Y_1$	3.54
$Y_2$	5.48
$C_{0r}$	32000 N / Static load rating (radial)
$Y_0$	3.71

$n_G$	5300 1/min / Limiting speed
$n_B$	5900 1/min / Reference speed
$C_{ur}$	1640 N / Fatigue limit load. radial