

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