

# 1224-M FAG Y2 4.81

## 120x215x42mm Self aligning ball bearings

Bearing number	1224-M
Size (mm)	120x215x42
Brand	FAG
Bore Diameter (mm)	120
Outer Diameter (mm)	215
Width (mm)	42
d	120 mm
D	215 mm
B	42 mm
$C_1$	1.8 mm
$D_1$	187.3 mm
$D_{a \max}$	203 mm
$d_1$	149 mm
$d_{a \min}$	132 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	7.13 kg / Weight
$C_r$	121000 N / Dynamic load rating (radial)
e	0.2
$Y_1$	3.11
$Y_2$	4.81
$C_{0r}$	52000 N / Static load rating (radial)

$Y_{\theta}$	3.25
$n_G$	4800 1/min / Limiting speed
$n_B$	5600 1/min / Reference speed
$C_{ur}$	2500 N