

# 1222-K-M-C3 FAG Y0 3.78 110x200x38mm Self aligning ball bearings

Bearing number	1222-K-M-C3
Size (mm)	110x200x38
Brand	FAG
Bore Diameter (mm)	110
Outer Diameter (mm)	200
Width (mm)	38
d	110 mm
D	200 mm
B	38 mm
$D_1$	173.9 mm
$D_{a \max}$	188 mm
$d_1$	140.7 mm
$d_{a \min}$	122 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	5.49 kg / Weight
$C_r$	89000 N / Dynamic load rating (radial)
e	0.17
$Y_1$	3.61
$Y_2$	5.59
$C_{0r}$	38000 N / Static load rating (radial)
$Y_0$	3.78

$n_G$	5000 1/min / Limiting speed
$n_B$	5700 1/min / Reference speed
$C_{ur}$	1900 N / Fatigue limit load. radial