

# 2316-K-M-C3 FAG 80x170x58mm Y2 2.62 Self aligning ball bearings

Bearing number	2316-K-M-C3
Size (mm)	80x170x58
Brand	FAG
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	58
d	80 mm
D	170 mm
B	58 mm
$D_1$	144.5 mm
$D_{a \max}$	158 mm
$d_1$	107.6 mm
$d_{a \min}$	92 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	6.18 kg / Weight
$C_r$	139000 N / Dynamic load rating (radial)
e	0.37
$Y_1$	1.7
$Y_2$	2.62
$C_{0r}$	48500 N / Static load rating (radial)
$Y_0$	1.78

$n_G$	5600 1/min / Limiting speed
$n_B$	6400 1/min / Reference speed
$C_{ur}$	2700 N / Fatigue limit load. radial