

# 1316-M FAG Cur 1810 N / Fatigue limit load. radial 80x170x39mm Self aligning ball bearings

Bearing number	1316-M
Size (mm)	80x170x39
Brand	FAG
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	39
d	80 mm
D	170 mm
B	39 mm
D <sub>1</sub>	144.3 mm
D <sub>a max</sub>	158 mm
d <sub>1</sub>	110.2 mm
d <sub>a min</sub>	92 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
m	4.56 kg / Weight
C <sub>r</sub>	89000 N / Dynamic load rating (radial)
e	0.22
Y <sub>1</sub>	2.87
Y <sub>2</sub>	4.44
C <sub>0r</sub>	33000 N / Static load rating (radial)

$Y_{\theta}$	3
$n_G$	6000 1/min / Limiting speed
$n_B$	6300 1/min / Reference speed
$C_{ur}$	1810 N / Fatigue limit load. radial