

1316-K-M-C3 FAG 80x170x39mm Y2 4.44 Self aligning ball bearings

Bearing number	1316-K-M-C3
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_1	144.3 mm
$D_{a \max}$	158 mm
d_1	110.2 mm
$d_{a \min}$	92 mm
$r_{a \max}$	2.1 mm
r_{\min}	2.1 mm
m	4.5 kg / Weight
C_r	89000 N / Dynamic load rating (radial)
e	0.22
Y_1	2.87
Y_2	4.44
C_{0r}	33000 N / Static load rating (radial)
Y_0	3

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