

1318-K-M-C3 FAG r_{min} 3 mm 90x190x43mm Self aligning ball bearings

Bearing number	1318-K-M-C3
Size (mm)	90x190x43
Brand	FAG
Bore Diameter (mm)	90
Outer Diameter (mm)	190
Width (mm)	43
d	90 mm
D	190 mm
B	43 mm
D ₁	159.9 mm
D _{a max}	176 mm
d ₁	124.4 mm
d _{a min}	104 mm
r _{a max}	2.5 mm
r _{min}	3 mm
m	6.27 kg / Weight
C _r	109000 N / Dynamic load rating (radial)
e	0.22
Y ₁	2.83
Y ₂	4.38
C _{0r}	42500 N / Static load rating (radial)
Y ₀	2.97

n_G	5300 1/min / Limiting speed
n_B	5800 1/min / Reference speed
C_{ur}	2230 N / Fatigue limit load. radial