

16018 FAG C0r 39500 N / Static load rating (radial) 90x140x16mm Deep groove ball bearings

Bearing number	16018
Size (mm)	90x140x16
Brand	FAG
Bore Diameter (mm)	90
Outer Diameter (mm)	140
Width (mm)	16
d	90 mm
D	140 mm
B	16 mm
D_1	122.7 mm
$D_{a \max}$	135.4 mm
d_1	107.6 mm
$d_{a \min}$	94.6 mm
$r_{a \max}$	1 mm
r_{\min}	1 mm
m	0.866 kg / Weight
C_r	44000 N / Dynamic load rating (radial)
C_{0r}	39500 N / Static load rating (radial)
f_0	16.3
n_G	6800 1/min / Limiting speed

n_B	4400 1/min / Reference speed
C_{ur}	2020 N / Fatigue limit load. radial