

# 16024 FAG Cur 3000 N / Fatigue limit load. radial 120x180x19mm Deep groove ball bearings

Bearing number	16024
Size (mm)	120x180x19
Brand	FAG
Bore Diameter (mm)	120
Outer Diameter (mm)	180
Width (mm)	19
d	120 mm
D	180 mm
B	19 mm
D <sub>1</sub>	159.5 mm
D <sub>a max</sub>	175.4 mm
d <sub>1</sub>	140.7 mm
d <sub>a min</sub>	124.6 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1 mm
m	1.62 kg / Weight
C <sub>r</sub>	65000 N / Dynamic load rating (radial)
C <sub>0r</sub>	64000 N / Static load rating (radial)
f <sub>0</sub>	16.4
n <sub>G</sub>	5200 1/min / Limiting speed

$n_B$	3550 1/min / Reference speed
$C_{ur}$	3000 N / Fatigue limit load. radial