

# 16004 FAG Cr 7400 N / Dynamic load rating (radial) 20x42x8mm Deep groove ball bearings

Bearing number	16004
Size (mm)	20x42x8
Brand	FAG
Bore Diameter (mm)	20
Outer Diameter (mm)	42
Width (mm)	8
d	20 mm
D	42 mm
B	8 mm
D <sub>1</sub>	34.7 mm
D <sub>a max</sub>	40 mm
d <sub>1</sub>	27.2 mm
d <sub>a min</sub>	22 mm
r <sub>a max</sub>	0.3 mm
r <sub>min</sub>	0.3 mm
m	0.05 kg / Weight
C <sub>r</sub>	7400 N / Dynamic load rating (radial)
C <sub>0r</sub>	4100 N / Static load rating (radial)
f <sub>0</sub>	14.9
n <sub>G</sub>	26000 1/min / Limiting speed

$n_B$	14300 1/min / Reference speed
$C_{ur}$	207 N / Fatigue limit load. radial