

# 16005 FAG Da max 45 mm 25x47x8mm Deep groove ball bearings

Bearing number	16005
Size (mm)	25x47x8
Brand	FAG
Bore Diameter (mm)	25
Outer Diameter (mm)	47
Width (mm)	8
d	25 mm
D	47 mm
B	8 mm
D <sub>1</sub>	39.7 mm
D <sub>a max</sub>	45 mm
d <sub>1</sub>	32.2 mm
d <sub>a min</sub>	27 mm
r <sub>a max</sub>	0.3 mm
r <sub>min</sub>	0.3 mm
m	0.055 kg / Weight
C <sub>r</sub>	7700 N / Basic dynamic load rating. radial
C <sub>0r</sub>	4650 N / Basic static load rating. radial
f <sub>0</sub>	15.4
n <sub>G</sub>	22900 1/min / Limiting speed
n <sub>B</sub>	12000 1/min / Reference speed

$C_{ur}$

234 N / Fatigue limit load. radial