

# 1205-K-TVH-C3 FAG 25x52x15mm Cr 12300 N / Dynamic load rating (radial) Self aligning ball bearings

Bearing number	1205-K-TVH-C3
Size (mm)	25x52x15
Brand	FAG
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	15
d	25 mm
D	52 mm
B	15 mm
D <sub>1</sub>	43.9 mm
D <sub>a max</sub>	46.4 mm
d <sub>1</sub>	33.3 mm
d <sub>a min</sub>	30.6 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1 mm
m	0.135 kg / Weight
C <sub>r</sub>	12300 N / Dynamic load rating (radial)
e	0.27
Y <sub>1</sub>	2.37
Y <sub>2</sub>	3.66
C <sub>0r</sub>	3250 N / Static load rating (radial)

$Y_{\theta}$	2.48
$n_G$	16000 1/min / Limiting speed
$n_B$	18100 1/min / Reference speed
$C_{ur}$	203 N / Fatigue limit load. radial