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_1	43.9 mm
$D_{a\ max}$	46.4 mm
d_1	33.3 mm
$d_{a\ min}$	30.6 mm
$r_{a\ max}$	1 mm
r_{min}	1 mm
m	0.135 kg / Weight
C_r	12300 N / Dynamic load rating (radial)
e	0.27
Y_1	2.37
Y_2	3.66
C_{0r}	3250 N / Static load rating (radial)

Y_0	2.48
n_G	16000 1/min / Limiting speed
n_B	18100 1/min / Reference speed
C_{ur}	203 N / Fatigue limit load. radial