

# 2305-K-TVH-C3 FAG C0r 6500 N / Static load rating (radial) 25x62x24mm Self aligning ball bearings

Bearing number	2305-K-TVH-C3
Size (mm)	25x62x24
Brand	FAG
Bore Diameter (mm)	25
Outer Diameter (mm)	62
Width (mm)	24
d	25 mm
D	62 mm
B	24 mm
D <sub>1</sub>	50.1 mm
D <sub>a max</sub>	55 mm
d <sub>1</sub>	35.5 mm
d <sub>a min</sub>	32 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1.1 mm
m	0.328 kg / Weight
C <sub>r</sub>	25000 N / Dynamic load rating (radial)
e	0.48
Y <sub>1</sub>	1.32
Y <sub>2</sub>	2.04
C <sub>0r</sub>	6500 N / Static load rating (radial)

$Y_{\theta}$	1.38
$n_G$	13000 1/min / Limiting speed
$n_B$	14100 1/min / Reference speed
$C_{ur}$	405 N / Fatigue limit load. radial