

# 1308-K-TVH-C3 FAG Cr 30000 N / Dynamic load rating (radial) 40x90x23mm Self aligning ball bearings

Bearing number	1308-K-TVH-C3
Size (mm)	40x90x23
Brand	FAG
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Width (mm)	23
d	40 mm
D	90 mm
B	23 mm
$D_1$	75.3 mm
$D_{a \max}$	81 mm
$d_1$	57.8 mm
$d_{a \min}$	49 mm
$r_{a \max}$	1.5 mm
$r_{\min}$	1.5 mm
m	0.698 kg / Weight
$C_r$	30000 N / Dynamic load rating (radial)
e	0.25
$Y_1$	2.52
$Y_2$	3.9
$C_{0r}$	9600 N / Static load rating (radial)

$Y_{\theta}$	2.64
$n_G$	8500 1/min / Limiting speed
$n_B$	10000 1/min / Reference speed
$C_{ur}$	600 N / Fatigue limit load. radial