

# 2218-K-TVH-C3 FAG Y2 3.61 90x160x40mm Self aligning ball bearings

Bearing number	2218-K-TVH-C3
Size (mm)	90x160x40
Brand	FAG
Bore Diameter (mm)	90
Outer Diameter (mm)	160
Width (mm)	40
d	90 mm
D	160 mm
B	40 mm
$D_1$	139.4 mm
$D_{a \max}$	149 mm
$d_1$	111.5 mm
$d_{a \min}$	101 mm
$r_{a \max}$	2 mm
$r_{\min}$	2 mm
m	3.18 kg / Weight
$C_r$	71000 N / Dynamic load rating (radial)
e	0.27
$Y_1$	2.33
$Y_2$	3.61
$C_{0r}$	28500 N / Static load rating (radial)
$Y_0$	2.44

$n_G$	4300 1/min / Limiting speed
$n_B$	5700 1/min / Reference speed
$C_{ur}$	1580 N / Fatigue limit load. radial