

# 22218-E1-K FAG 90x160x40mm Y2

## 4.31 Spherical roller bearings

Bearing number	22218-E1-K
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
$D_1$	143.9 mm
$D_{a \max}$	149 mm
$d_2$	106.1 mm
$d_{a \min}$	101 mm
$d_s$	3.2 mm
$n_s$	6.5 mm
$r_{a \max}$	2 mm
$r_{\min}$	2 mm
m	3.35 kg / Weight
$C_r$	345000 N / Dynamic load rating (radial)
e	0.23
$Y_1$	2.9
$Y_2$	4.31

$C_{0r}$	375000 N / Static load rating (radial)
$Y_0$	2.83
$n_G$	5200 1/min / Limiting speed
$n_B$	3500 1/min
$C_{ur}$	42500 N / Fatigue limit load. radial