

# 21314-E1-K FAG 70x150x35mm C0r 270000 N / Static load rating (radial) Spherical roller bearings

Bearing number	21314-E1-K
Size (mm)	70x150x35
Brand	FAG
Bore Diameter (mm)	70
Outer Diameter (mm)	150
Width (mm)	35
d	70 mm
D	150 mm
B	35 mm
$D_1$	126.2 mm
$D_{a \max}$	138 mm
$d_2$	94.9 mm
$d_{a \min}$	82 mm
$d_s$	3.2 mm
$n_s$	6.5 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	3.13 kg / Weight
$C_r$	250000 N / Dynamic load rating (radial)
e	0.22
$Y_1$	3.14

$Y_2$	4.67
$C_{0r}$	270000 N / Static load rating (radial)
$Y_0$	3.07
$n_G$	6200 1/min / Limiting speed
$n_B$	4100 1/min
$C_{ur}$	33500 N / Fatigue limit load. radial