

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