

# 21314-E1 FAG D1 126.2 mm 70x150x35mm Spherical roller bearings

Bearing number	21314-E1
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 <sub>1</sub>	126.2 mm
D <sub>a max</sub>	138 mm
d <sub>2</sub>	94.9 mm
d <sub>a min</sub>	82 mm
d <sub>s</sub>	3.2 mm
n <sub>s</sub>	6.5 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
m	3.13 kg / Weight
C <sub>r</sub>	250000 N / Dynamic load rating (radial)
e	0.22
Y <sub>1</sub>	3.14
Y <sub>2</sub>	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