

# 21310-E1 FAG ns 4.8 mm 50x110x27mm Spherical roller bearings

Bearing number	21310-E1
Size (mm)	50x110x27
Brand	FAG
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Width (mm)	27
d	50 mm
D	110 mm
B	27 mm
D <sub>1</sub>	89.8 mm
D <sub>a max</sub>	99 mm
d <sub>2</sub>	67.7 mm
d <sub>a min</sub>	61 mm
d <sub>s</sub>	3.2 mm
n <sub>s</sub>	4.8 mm
r <sub>a max</sub>	2 mm
r <sub>min</sub>	2 mm
m	1.32 kg / Weight
C <sub>r</sub>	129000 N / Dynamic load rating (radial)
e	0.21
Y <sub>1</sub>	3.17
Y <sub>2</sub>	4.72

$C_{0r}$	130000 N / Static load rating (radial)
$Y_0$	3.1
$n_G$	9000 1/min / Limiting speed
$n_B$	5400 1/min
$C_{ur}$	17300 N / Fatigue limit load. radial