



# BEARING CORP.



## 50 mm x 110 mm x 27 mm FAG 21310-E1-K Spherical Roller Bearings

Bearing No. 21310-E1-K

21310-E1-K Bearing 2D drawings and 3D CAD models

Size	50x110x27 mm
Bore Diameter	50 mm
Outer Diameter	110 mm
Width	27 mm
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 <sub>0r</sub>	130000 N / Static load rating (radial)
Y <sub>0</sub>	3,1



## BEARING CORP.

$n_G$	9000 1/min / Limiting speed
$n_B$	5400 1/min
$C_{ur}$	17300 N / Fatigue limit load, radial