



# NTN BEARING-SUDAMERICANA, S.A.



## 45 mm x 100 mm x 25 mm FAG 21309-E1 Spherical Roller Bearings

Bearing No. 21309-E1

21309-E1 Bearing 2D drawings and 3D CAD models

Size	45x100x25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	25 mm
d	45 mm
D	100 mm
B	25 mm
D <sub>1</sub>	89,8 mm
D <sub>a max</sub>	91 mm
d <sub>2</sub>	67,6 mm
d <sub>a min</sub>	54 mm
d <sub>s</sub>	3,2 mm
n <sub>s</sub>	4,8 mm
r <sub>a max</sub>	1,5 mm
r <sub>min</sub>	1,5 mm
m	0,999 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



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$n_G$	9000 1/min / Limiting speed
$n_B$	5600 1/min
$C_{ur}$	17300 N / Fatigue limit load, radial