



**45 mm x 100 mm x 36 mm FAG 22309-E1-K
Spherical Roller Bearings**

Bearing No. 22309-E1-K

22309-E1-K Bearing 2D drawings and 3D CAD models

Size	45x100x36 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	36 mm
d	45 mm
D	100 mm
B	36 mm
D_1	84,7 mm
$D_{a \max}$	91 mm
d_2	58,9 mm
$d_{a \min}$	54 mm
d_s	3,2 mm
n_s	6,5 mm
$r_{a \max}$	1,5 mm
r_{\min}	1,5 mm
m	1,4 kg / Weight
C_r	187000 N / Dynamic load rating (radial)
e	0,36
Y_1	1,9
Y_2	2,83
C_{0r}	183000 N / Static load rating (radial)
Y_0	1,86



NTN BEARING USA CORP.

n_G	6800 1/min / Limiting speed
n_B	5300 1/min
C_{ur}	16100 N / Fatigue limit load, radial