



BEARING PRECISION AXLE CORP.



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 ₁	89,8 mm
D _{a max}	91 mm
d ₂	67,6 mm
d _{a min}	54 mm
d _s	3,2 mm
n _s	4,8 mm
r _{a max}	1,5 mm
r _{min}	1,5 mm
m	0,999 kg / Weight
C _r	129000 N / Dynamic load rating (radial)
e	0,21
Y ₁	3,17
Y ₂	4,72
C _{0r}	130000 N / Static load rating (radial)
Y ₀	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