



AMERICAN Timken BEARING MFG.CORP.



70 mm x 150 mm x 35 mm FAG 21314-E1
spherical roller bearings

Bearing No. 21314-E1

21314-E1 Bearing 2D drawings and 3D CAD models

Size	70x150x35 mm
Bore Diameter	70 mm
Outer Diameter	150 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
D ₁	126,2 mm
D _{a max}	138 mm
d ₂	94,9 mm
d _{a min}	82 mm
d _s	3,2 mm
n _s	6,5 mm
r _{a max}	2,1 mm
r _{min}	2,1 mm
m	3,13 kg / Weight
C _r	250000 N / Dynamic load rating (radial)
e	0,22
Y ₁	3,14
Y ₂	4,67
C _{0r}	270000 N / Static load rating (radial)
Y ₀	3,07



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n_G	6200 1/min / Limiting speed
n_B	4100 1/min
C_{ur}	33500 N / Fatigue limit load, radial