

21309-E1 FAG 45x100x25mm C0r 130000 N / Static load rating (radial) Spherical roller bearings

Bearing number	21309-E1
Size (mm)	45x100x25
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	25
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
n_G	9000 1/min / Limiting speed
n_B	5600 1/min
C_{ur}	17300 N / Fatigue limit load. radial