

21316-E1 FAG Cr 305000 N / Dynamic load rating (radial) 80x170x39mm Spherical roller bearings

Bearing number	21316-E1
Size (mm)	80x170x39
Brand	FAG
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	39
d	80 mm
D	170 mm
B	39 mm
D ₁	135.4 mm
D _{a max}	158 mm
d ₂	99.7 mm
d _{a min}	92 mm
d _s	3.2 mm
n _s	6.5 mm
r _{a max}	2.1 mm
r _{min}	2.1 mm
m	4.54 kg / Weight
C _r	305000 N / Dynamic load rating (radial)
e	0.22
Y ₁	3.04

Y_2	4.53
C_{0r}	325000 N / Static load rating (radial)
Y_0	2.97
n_G	5700 1/min / Limiting speed
n_B	3750 1/min
C_{ur}	38000 N / Fatigue limit load. radial