

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

Bearing number	21316-E1-K
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	99.8 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