

21317-E1-K FAG 85x180x41mm Cr 345000 N / Dynamic load rating (radial) Spherical roller bearings

Bearing number	21317-E1-K
Size (mm)	85x180x41
Brand	FAG
Bore Diameter (mm)	85
Outer Diameter (mm)	180
Width (mm)	41
d	85 mm
D	180 mm
B	41 mm
D_1	143.9 mm
$D_{a \max}$	166 mm
d_2	106.1 mm
$d_{a \min}$	99 mm
d_s	4.8 mm
n_s	9.5 mm
$r_{a \max}$	2.5 mm
r_{\min}	3 mm
m	5.3 kg / Weight
C_r	345000 N / Dynamic load rating (radial)
e	0.23
Y_1	2.9

Y_2	4.31
C_{0r}	375000 N / Static load rating (radial)
Y_0	2.83
n_G	5200 1/min / Limiting speed
n_B	3550 1/min
C_{ur}	42500 N / Fatigue limit load. radial