

# 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