

# 21318-E1-K FAG 90x190x43mm C0r 415000 N / Static load rating (radial) Spherical roller bearings

Bearing number	21318-E1-K
Size (mm)	90x190x43
Brand	FAG
Bore Diameter (mm)	90
Outer Diameter (mm)	190
Width (mm)	43
d	90 mm
D	190 mm
B	43 mm
D <sub>1</sub>	152.7 mm
D <sub>a max</sub>	176 mm
d <sub>2</sub>	112.6 mm
d <sub>a min</sub>	104 mm
d <sub>s</sub>	4.8 mm
n <sub>s</sub>	9.5 mm
r <sub>a max</sub>	2.5 mm
r <sub>min</sub>	3 mm
m	6.26 kg / Weight
C <sub>r</sub>	380000 N / Dynamic load rating (radial)
e	0.24
Y <sub>1</sub>	2.87

$Y_2$	4.27
$C_{0r}$	415000 N / Static load rating (radial)
$Y_0$	2.8
$n_G$	4850 1/min / Limiting speed
$n_B$	3450 1/min
$C_{ur}$	47000 N / Fatigue limit load. radial