

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_1	152.7 mm
$D_{a \max}$	176 mm
d_2	112.6 mm
$d_{a \min}$	104 mm
d_s	4.8 mm
n_s	9.5 mm
$r_{a \max}$	2.5 mm
r_{\min}	3 mm
m	6.26 kg / Weight
C_r	380000 N / Dynamic load rating (radial)
e	0.24
Y_1	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