

# 24138-E1-K30 FAG Cr 1680000 N / Dynamic load rating (radial) 190x320x128mm Spherical roller bearings

Bearing number	24138-E1-K30
Size (mm)	190x320x128
Brand	FAG
Bore Diameter (mm)	190
Outer Diameter (mm)	320
Width (mm)	128
d	190 mm
D	320 mm
B	128 mm
D <sub>1</sub>	271.6 mm
D <sub>a max</sub>	306 mm
d <sub>2</sub>	217.4 mm
d <sub>a min</sub>	204 mm
d <sub>s</sub>	6.3 mm
n <sub>s</sub>	12.2 mm
r <sub>a max</sub>	2.5 mm
r <sub>min</sub>	3 mm
m	40.7 kg / Weight
C <sub>r</sub>	1680000 N / Dynamic load rating (radial)
e	0.37
Y <sub>1</sub>	1.82

$Y_2$	2.7
$C_{0r}$	2550000 N / Static load rating (radial)
$Y_0$	1.78
$n_G$	1850 1/min / Limiting speed
$n_B$	900 1/min
$C_{ur}$	226000 N / Fatigue limit load. radial