

# 24160-E1-K30

# FAG

## 300x500x200mm

## e

## 0.39

# Spherical roller bearings

Bearing number	24160-E1-K30
Size (mm)	300x500x200
Brand	FAG
Bore Diameter (mm)	300
Outer Diameter (mm)	500
Width (mm)	200
d	300 mm
D	500 mm
B	200 mm
D <sub>1</sub>	422.8 mm
D <sub>a max</sub>	480 mm
d <sub>2</sub>	338.2 mm
d <sub>a min</sub>	320 mm
d <sub>s</sub>	8 mm
n <sub>s</sub>	15 mm
r <sub>a max</sub>	4 mm
r <sub>min</sub>	5 mm
m	161 kg / Weight
C <sub>r</sub>	3950000 N / Dynamic load rating (radial)
e	0.39
Y <sub>1</sub>	1.72
Y <sub>2</sub>	2.56

$C_{0r}$	6400000 N / Static load rating (radial)
$Y_0$	1.68
$n_G$	1100 1/min / Limiting speed
$n_B$	455 1/min
$C_{ur}$	485000 N / Fatigue limit load. radial