

# 24136-E1-K30 FAG Y2 2.77

## 180x300x118mm Spherical roller bearings

Bearing number	24136-E1-K30
Size (mm)	180x300x118
Brand	FAG
Bore Diameter (mm)	180
Outer Diameter (mm)	300
Width (mm)	118
d	180 mm
D	300 mm
B	118 mm
D <sub>1</sub>	255.7 mm
D <sub>a max</sub>	286 mm
d <sub>2</sub>	204.8 mm
d <sub>a min</sub>	194 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	32.5 kg / Weight
C <sub>r</sub>	1460000 N / Dynamic load rating (radial)
e	0.36
Y <sub>1</sub>	1.86
Y <sub>2</sub>	2.77

$C_{0r}$	2170000 N / Static load rating (radial)
$Y_0$	1.82
$n_G$	2000 1/min / Limiting speed
$n_B$	990 1/min
$C_{ur}$	203000 N / Fatigue limit load. radial