

# 24132-E1 FAG e 0.37 160x270x109mm Spherical roller bearings

Bearing number	24132-E1
Size (mm)	160x270x109
Brand	FAG
Bore Diameter (mm)	160
Outer Diameter (mm)	270
Width (mm)	109
d	160 mm
D	270 mm
B	109 mm
D <sub>1</sub>	228.9 mm
D <sub>a max</sub>	258 mm
d <sub>2</sub>	183.4 mm
d <sub>a min</sub>	172 mm
d <sub>s</sub>	4.8 mm
n <sub>s</sub>	9.5 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
m	25.4 kg / Weight
C <sub>r</sub>	1220000 N / Dynamic load rating (radial)
e	0.37
Y <sub>1</sub>	1.8
Y <sub>2</sub>	2.69

$C_{0r}$	1800000 N / Static load rating (radial)
$Y_0$	1.76
$n_G$	2180 1/min / Limiting speed
$n_B$	1150 1/min
$C_{ur}$	168000 N / Fatigue limit load. radial