

# 24134-E1 FAG 170x280x109mm

## Outer Diameter 280mm

### Spherical roller bearings

Bearing number	24134-E1
Size (mm)	170x280x109
Brand	FAG
Bore Diameter (mm)	170
Outer Diameter (mm)	280
Width (mm)	109
d	170 mm
D	280 mm
B	109 mm
D <sub>1</sub>	240 mm
D <sub>a max</sub>	268 mm
d <sub>2</sub>	194.1 mm
d <sub>a min</sub>	182 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	26.4 kg / Weight
C <sub>r</sub>	1260000 N / Dynamic load rating (radial)
e	0.36
Y <sub>1</sub>	1.9
Y <sub>2</sub>	2.83

$C_{0r}$	1900000 N / Static load rating (radial)
$Y_0$	1.86
$n_G$	2110 1/min / Limiting speed
$n_B$	1080 1/min
$C_{ur}$	179000 N / Fatigue limit load. radial