

# 21308-E1 FAG D1 80.8 mm 40x90x23mm Spherical roller bearings

Bearing number	21308-E1
Size (mm)	40x90x23
Brand	FAG
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Width (mm)	23
d	40 mm
D	90 mm
B	23 mm
D <sub>1</sub>	80.8 mm
D <sub>a max</sub>	81 mm
d <sub>2</sub>	59.9 mm
d <sub>a min</sub>	49 mm
d <sub>s</sub>	3.2 mm
n <sub>s</sub>	4.8 mm
r <sub>a max</sub>	1.5 mm
r <sub>min</sub>	1.5 mm
m	0.749 kg / Weight
C <sub>r</sub>	109000 N / Dynamic load rating (radial)
e	0.23
Y <sub>1</sub>	2.95
Y <sub>2</sub>	4.4

$C_{0r}$	107000 N / Static load rating (radial)
$Y_0$	2.89
$n_G$	9800 1/min / Limiting speed
$n_B$	6100 1/min
$C_{ur}$	14300 N / Fatigue limit load. radial