

# 22216-E1 FAG 80x140x33mm Y1

## 3.14 Spherical roller bearings

Bearing number	22216-E1
Size (mm)	80x140x33
Brand	FAG
Bore Diameter (mm)	80
Outer Diameter (mm)	140
Width (mm)	33
d	80 mm
D	140 mm
B	33 mm
$D_1$	126.8 mm
$D_{a \max}$	129 mm
$d_2$	94.9 mm
$d_{a \min}$	91 mm
$d_s$	3.2 mm
$n_s$	6.5 mm
$r_{a \max}$	2 mm
$r_{\min}$	2 mm
m	2.1 kg / Weight
$C_r$	250000 N / Dynamic load rating (radial)
e	0.22
$Y_1$	3.14
$Y_2$	4.67

$C_{0r}$	270000 N / Static load rating (radial)
$Y_0$	3.07
$n_G$	6200 1/min / Limiting speed
$n_B$	3700 1/min
$C_{ur}$	33500 N / Fatigue limit load. radial