

# 24144-E1-K30 FAG Y2 2.59

## 220x370x150mm Spherical roller bearings

Bearing number	24144-E1-K30
Size (mm)	220x370x150
Brand	FAG
Bore Diameter (mm)	220
Outer Diameter (mm)	370
Width (mm)	150
d	220 mm
D	370 mm
B	150 mm
D <sub>1</sub>	314.3 mm
D <sub>a max</sub>	353 mm
d <sub>2</sub>	247.6 mm
d <sub>a min</sub>	237 mm
d <sub>s</sub>	6.3 mm
n <sub>s</sub>	12.2 mm
r <sub>a max</sub>	3 mm
r <sub>min</sub>	4 mm
m	62.7 kg / Weight
C <sub>r</sub>	2190000 N / Dynamic load rating (radial)
e	0.39
Y <sub>1</sub>	1.74
Y <sub>2</sub>	2.59

$C_{0r}$	3250000 N / Static load rating (radial)
$Y_0$	1.7
$n_G$	1650 1/min / Limiting speed
$n_B$	760 1/min
$C_{ur}$	290000 N / Fatigue limit load. radial