

# 24144-E1 FAG 220x370x150mm e 0.39 Spherical roller bearings

Bearing number	24144-E1
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
$D_1$	314.3 mm
$D_{a \max}$	353 mm
$d_2$	247.6 mm
$d_{a \min}$	237 mm
$d_s$	6.3 mm
$n_s$	12.2 mm
$r_{a \max}$	3 mm
$r_{\min}$	4 mm
m	64 kg / Weight
$C_r$	2190000 N / Dynamic load rating (radial)
e	0.39
$Y_1$	1.74
$Y_2$	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