

# 24124-E1 FAG D1 170.3 mm 120x200x80mm Spherical roller bearings

Bearing number	24124-E1
Size (mm)	120x200x80
Brand	FAG
Bore Diameter (mm)	120
Outer Diameter (mm)	200
Width (mm)	80
d	120 mm
D	200 mm
B	80 mm
$D_1$	170.3 mm
$D_{a \max}$	189 mm
$d_2$	136.6 mm
$d_{a \min}$	131 mm
$d_s$	3.2 mm
$n_s$	6.5 mm
$r_{a \max}$	2 mm
$r_{\min}$	2 mm
m	10.4 kg / Weight
$C_r$	580000 N / Dynamic load rating (radial)
e	0.37
$Y_1$	1.84
$Y_2$	2.74

$C_{0r}$	950000 N / Static load rating (radial)
$Y_0$	1.8
$n_G$	2950 1/min / Limiting speed
$n_B$	1760 1/min
$C_{ur}$	76000 N / Fatigue limit load. radial