

# 24140-E1 FAG Y2 2.54 200x340x140mm Spherical roller bearings

Bearing number	24140-E1
Size (mm)	200x340x140
Brand	FAG
Bore Diameter (mm)	200
Outer Diameter (mm)	340
Width (mm)	140
d	200 mm
D	340 mm
B	140 mm
D <sub>1</sub>	287.9 mm
D <sub>a max</sub>	326 mm
d <sub>2</sub>	227.1 mm
d <sub>a min</sub>	214 mm
d <sub>s</sub>	6.3 mm
n <sub>s</sub>	12.2 mm
r <sub>a max</sub>	2.5 mm
r <sub>min</sub>	3 mm
m	49.5 kg / Weight
C <sub>r</sub>	1880000 N / Dynamic load rating (radial)
e	0.39
Y <sub>1</sub>	1.71
Y <sub>2</sub>	2.54

$C_{0r}$	2800000 N / Static load rating (radial)
$Y_0$	1.67
$n_G$	1780 1/min / Limiting speed
$n_B$	850 1/min
$C_{ur}$	250000 N / Fatigue limit load. radial