

24164-E1 FAG 320x540x218mm Y2

2.52 Spherical roller bearings

Bearing number	24164-E1
Size (mm)	320x540x218
Brand	FAG
Bore Diameter (mm)	320
Outer Diameter (mm)	540
Width (mm)	218
d	320 mm
D	540 mm
B	218 mm
D_1	455.5 mm
$D_{a \max}$	520 mm
d_2	359 mm
$d_{a \min}$	340 mm
d_s	9.5 mm
n_s	17.7 mm
$r_{a \max}$	4 mm
r_{\min}	5 mm
m	209 kg / Weight
C_r	4600000 N / Dynamic load rating (radial)
e	0.4
Y_1	1.69
Y_2	2.52

C_{0r}	7300000 N / Static load rating (radial)
Y_0	1.65
n_G	1010 1/min / Limiting speed
n_B	415 1/min
C_{ur}	560000 N / Fatigue limit load. radial