

# 24148-E1 FAG 240x400x160mm C0r 3900000 N / Static load rating (radial) Spherical roller bearings

Bearing number	24148-E1
Size (mm)	240x400x160
Brand	FAG
Bore Diameter (mm)	240
Outer Diameter (mm)	400
Width (mm)	160
d	240 mm
D	400 mm
B	160 mm
D <sub>1</sub>	339 mm
D <sub>a max</sub>	383 mm
d <sub>2</sub>	267.3 mm
d <sub>a min</sub>	257 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	83.2 kg / Weight
C <sub>r</sub>	2600000 N / Dynamic load rating (radial)
e	0.39
Y <sub>1</sub>	1.71

$Y_2$	2.54
$C_{0r}$	3900000 N / Static load rating (radial)
$Y_0$	1.67
$n_G$	1470 1/min / Limiting speed
$n_B$	660 1/min
$C_{ur}$	330000 N / Fatigue limit load. radial