

# 24184-B-K30 FAG 420x700x280mm C0r 12700000 N / Static load rating (radial) Spherical roller bearings

Bearing number	24184-B-K30
Size (mm)	420x700x280
Brand	FAG
Bore Diameter (mm)	420
Outer Diameter (mm)	700
Width (mm)	280
d	420 mm
D	700 mm
B	280 mm
D <sub>1</sub>	590.3 mm
D <sub>a max</sub>	674 mm
d <sub>a min</sub>	446 mm
d <sub>s</sub>	12.5 mm
n <sub>s</sub>	23.5 mm
r <sub>a max</sub>	5 mm
r <sub>min</sub>	6 mm
m	407 kg / Weight
C <sub>r</sub>	6200000 N / Dynamic load rating (radial)
e	0.4
Y <sub>1</sub>	1.67
Y <sub>2</sub>	2.49

$C_{0r}$	12700000 N / Static load rating (radial)
$Y_0$	1.63
$n_G$	730 1/min / Limiting speed
$n_B$	270 1/min / Reference speed
$C_{ur}$	980000 N