

# 24184-B FAG 420x700x280mm ds 12.5 mm Spherical roller bearings

Bearing number	24184-B
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
$D_1$	590.3 mm
$D_{a \max}$	674 mm
$d_{a \min}$	446 mm
$d_s$	12.5 mm
$n_s$	23.5 mm
$r_{a \max}$	5 mm
$r_{\min}$	6 mm
m	442 kg / Weight
$C_r$	6200000 N / Dynamic load rating (radial)
e	0.4
$Y_1$	1.67
$Y_2$	2.49
$C_{0r}$	12700000 N / Static load rating (radial)

$Y_{\theta}$	1.63
$n_G$	730 1/min / Limiting speed
$n_B$	270 1/min / Reference speed
$C_{ur}$	980000 N