

# 24180-B FAG ra max 5 mm 400x650x250mm Spherical roller bearings

Bearing number	24180-B
Size (mm)	400x650x250
Brand	FAG
Bore Diameter (mm)	400
Outer Diameter (mm)	650
Width (mm)	250
d	400 mm
D	650 mm
B	250 mm
$D_1$	553.5 mm
$D_{a \max}$	624 mm
$d_{a \min}$	426 mm
$d_s$	12.5 mm
$n_s$	23.5 mm
$r_{a \max}$	5 mm
$r_{\min}$	6 mm
m	326 kg / Weight
$C_r$	5100000 N / Dynamic load rating (radial)
e	0.39
$Y_1$	1.72
$Y_2$	2.56
$C_{0r}$	10400000 N / Static load rating (radial)

$Y_{\theta}$	1.68
$n_G$	810 1/min / Limiting speed
$n_B$	310 1/min / Reference speed
$C_{ur}$	720000 N