

24180-B-K30 FAG nB 310 1/min / Reference speed 400x650x250mm Spherical roller bearings

Bearing number	24180-B-K30
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	318 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_0	1.68
n_G	810 1/min / Limiting speed
n_B	310 1/min / Reference speed
C_{ur}	720000 N