

# 248/530-B-MB FAG C0r 6400000 N / Static load rating (radial) 530x650x118mm Spherical roller bearings

Bearing number	248/530-B-MB
Size (mm)	530x650x118
Brand	FAG
Bore Diameter (mm)	530
Outer Diameter (mm)	650
Width (mm)	118
d	530 mm
D	650 mm
B	118 mm
$D_1$	614.1 mm
$D_{a \max}$	637.6 mm
$d_{a \min}$	542.4 mm
$d_s$	6.3 mm
$n_s$	12.2 mm
$r_{a \max}$	2.5 mm
$r_{\min}$	3 mm
m	89.7 kg / Weight
$C_r$	2240000 N / Dynamic load rating (radial)
e	0.16
$Y_1$	4.22
$Y_2$	6.29

$C_{0r}$	6400000 N / Static load rating (radial)
$Y_0$	4.13
$n_G$	880 1/min / Limiting speed
$n_B$	1/min / Reference speed
$C_{ur}$	375000 N