

# 248/800-B-MB FAG nG 540 1/min / Limiting speed 800x980x180mm Spherical roller bearings

Bearing number	248/800-B-MB
Size (mm)	800x980x180
Brand	FAG
Bore Diameter (mm)	800
Outer Diameter (mm)	980
Width (mm)	180
d	800 mm
D	980 mm
B	180 mm
$D_1$	925.4 mm
$D_{a \max}$	962 mm
$d_{a \min}$	818 mm
$d_s$	8 mm
$n_s$	15 mm
$r_{a \max}$	4 mm
$r_{\min}$	5 mm
m	301 kg / Weight
$C_r$	4650000 N / Dynamic load rating (radial)
e	0.16
$Y_1$	4.11
$Y_2$	6.12

$C_{0r}$	14000000 N / Static load rating (radial)
$Y_0$	4.02
$n_G$	540 1/min / Limiting speed
$n_B$	1/min / Reference speed
$C_{ur}$	840000 N