

# 249/850-B-MB FAG Y2 4.44

## 850x1120x272mm Spherical roller bearings

Bearing number	249/850-B-MB
Size (mm)	850x1120x272
Brand	FAG
Bore Diameter (mm)	850
Outer Diameter (mm)	1120
Width (mm)	272
d	850 mm
D	1120 mm
B	272 mm
$D_1$	1033.9 mm
$D_{a \max}$	1097 mm
$d_{a \min}$	873 mm
$d_s$	12.5 mm
$n_s$	23.5 mm
$r_{a \max}$	5 mm
$r_{\min}$	6 mm
m	756 kg / Weight
$C_r$	8400000 N / Dynamic load rating (radial)
e	0.23
$Y_1$	2.98
$Y_2$	4.44
$C_{0r}$	22500000 N / Static load rating (radial)

$Y_{\theta}$	2.92
$n_G$	445 1/min / Limiting speed
$n_B$	1/min / Reference speed
$C_{ur}$	1380000 N