

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_{θ}	2.92
n_G	445 1/min / Limiting speed
n_B	1/min / Reference speed
C_{ur}	1380000 N