

# 248/1180-B-MB FAG D1 1345 mm 1180x1420x243mm Spherical roller bearings

Bearing number	248/1180-B-MB
Size (mm)	1180x1420x243
Brand	FAG
Bore Diameter (mm)	1180
Outer Diameter (mm)	1420
Width (mm)	243
d	1180 mm
D	1420 mm
B	243 mm
D <sub>1</sub>	1345 mm
D <sub>a max</sub>	1397 mm
d <sub>a min</sub>	1203 mm
d <sub>s</sub>	9.5 mm
n <sub>s</sub>	17.7 mm
r <sub>a max</sub>	5 mm
r <sub>min</sub>	6 mm
m	790 kg / Weight
C <sub>r</sub>	8400000 N / Dynamic load rating (radial)
e	0.15
Y <sub>1</sub>	4.54
Y <sub>2</sub>	6.75
C <sub>0r</sub>	28000000 N / Static load rating (radial)

$Y_{\theta}$	4.43
$n_G$	335 1/min / Limiting speed
$n_B$	1/min / Reference speed
$C_{ur}$	1550000 N