

248/500-B-MB FAG e 0.17 500x620x118mm Spherical roller bearings

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| Bearing number | 248/500-B-MB |
| Size (mm) | 500x620x118 |
| Brand | FAG |
| Bore Diameter (mm) | 500 |
| Outer Diameter (mm) | 620 |
| Width (mm) | 118 |
| d | 500 mm |
| D | 620 mm |
| B | 118 mm |
| D_1 | 583.5 mm |
| $D_{a \max}$ | 607.6 mm |
| $d_{a \min}$ | 512.4 mm |
| d_s | 6.3 mm |
| n_s | 12.2 mm |
| $r_{a \max}$ | 2.5 mm |
| r_{\min} | 3 mm |
| m | 84.3 kg / Weight |
| C_r | 2070000 N / Dynamic load rating (radial) |
| e | 0.17 |
| Y_1 | 4 |
| Y_2 | 5.96 |
| C_{0r} | 5700000 N / Static load rating (radial) |

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|--------------|----------------------------|
| Y_{θ} | 3.91 |
| n_G | 930 1/min / Limiting speed |
| n_B | 1/min / Reference speed |
| C_{ur} | 265000 N |