

248/530-B-MB FAG C0r 6400000 N / Static load rating (radial) 530x650x118mm Spherical roller bearings

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| Bearing number | 248/530-B-MB |
| Size (mm) | 530x650x118 |
| Brand | FAG |
| Bore Diameter (mm) | 530 |
| Outer Diameter (mm) | 650 |
| Width (mm) | 118 |
| d | 530 mm |
| D | 650 mm |
| B | 118 mm |
| D_1 | 614.1 mm |
| $D_{a \max}$ | 637.6 mm |
| $d_{a \min}$ | 542.4 mm |
| d_s | 6.3 mm |
| n_s | 12.2 mm |
| $r_{a \max}$ | 2.5 mm |
| r_{\min} | 3 mm |
| m | 89.7 kg / Weight |
| C_r | 2240000 N / Dynamic load rating (radial) |
| e | 0.16 |
| Y_1 | 4.22 |
| Y_2 | 6.29 |

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| C_{0r} | 6400000 N / Static load rating (radial) |
| Y_0 | 4.13 |
| n_G | 880 1/min / Limiting speed |
| n_B | 1/min / Reference speed |
| C_{ur} | 375000 N |