

Ruville 5807 wheel bearings

What 30214 Series are the types of Ruville 5807 wheel bearings ? Manufacturing Service . Get Your Free, Instant price, design review.

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| Series | 30214 |
| Cone Part Number | X30214 |
| Design Units | METRIC |
| Cage Type | Stamped Steel |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 54100 lbf |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 14000 lbf |
| d | 70 mm |
| B – Cone Width | 24.000 mm |
| WPD | 115.9 mm |
| DD | 106.9 mm |
| R – Cone Backface To Clear Radius ³ | 2.030 mm |
| da – Cone Frontface Backing Diameter | 77 mm |
| db – Cone Backface Backing Diameter | 80 mm |
| Ab – Cage-Cone Frontface Clearance | 4.6 mm |
| Aa – Cage-Cone Backface Clearance | 1.3 mm |
| a – Effective Center Location ⁴ | -0.5 mm |
| C90 – Dynamic Radial Rating (90 million revolutions) ⁵ | 35800 N |
| C1 – Dynamic Radial Rating (1 million revolutions) ⁶ | 138000 N |
| C0 – Static Radial Rating | 157000 N |

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| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷ | 25700 N |
| K – Factor ⁸ | 1.39 |
| G1 – Heat Generation Factor (Roller-Raceway) | 63.7 |
| G2 – Heat Generation Factor (Rib-Roller End) | 24.8 |
| Cg – Geometry Factor | 0.0714 |