

IKO NTB 1730 needle roller bearings

Various 3700 Series types and sizes to accommodate your IKO NTB 1730 needle roller bearings requirements.

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| Series | 3700 |
| Cone Part Number | 3777 |
| Design Units | Imperial |
| Cage Type | Stamped Steel |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 47800 lbf |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 12400 lbf |
| d | 1.8125 in |
| B – Cone Width | 1.1930 in |
| R – Cone Backface To Clear Radius ³ | 0.14 in |
| da – Cone Frontface Backing Diameter | 2.09 in |
| db – Cone Backface Backing Diameter | 2.36 in |
| Ab – Cage-Cone Frontface Clearance | 0.06 in |
| Aa – Cage-Cone Backface Clearance | 0.06 in |
| a – Effective Center Location ⁴ | -0.32 in |
| C90 – Dynamic Radial Rating (90 million revolutions) ⁵ | 7120 lbf |
| C1 – Dynamic Radial Rating (1 million revolutions) ⁶ | 27500 lbf |
| C0 – Static Radial Rating | 34300 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷ | 4120 lbf |
| K – Factor ⁸ | 1.73 |

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| G1 – Heat Generation Factor (Roller-Raceway) | 49.9 |
| G2 – Heat Generation Factor (Rib-Roller End) | 14.5 |
| Cg – Geometry Factor | 0.0903 |