

ISO K25x30x13 needle roller bearings

Request METRIC Design Units A Quote For Your Special ISO K25x30x13 needle roller bearings Needs Today! Free Quotes. HM318400 Series ISO 9001 certified.

| | |
|---|---------------|
| Series | HM318400 |
| Cone Part Number | JHM318448 |
| Design Units | METRIC |
| Cage Type | Stamped Steel |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹ | 153000 lbf |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) ² | 39800 lbf |
| d | 90 mm |
| B – Cone Width | 44.000 mm |
| WPD | 146.7 mm |
| DD | 131.6 mm |
| R – Cone Backface To Clear Radius ³ | 3.050 mm |
| da – Cone Frontface Backing Diameter | 100 mm |
| db – Cone Backface Backing Diameter | 106 mm |
| Ab – Cage-Cone Frontface Clearance | 3.8 mm |
| Aa – Cage-Cone Backface Clearance | 0.8 mm |
| a – Effective Center Location ⁴ | -9.9 mm |
| C90 – Dynamic Radial Rating (90 million revolutions) ⁵ | 102000 N |
| C1 – Dynamic Radial Rating (1 million revolutions) ⁶ | 392000 N |
| C0 – Static Radial Rating | 447000 N |

| | |
|--|---------|
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁷ | 59400 N |
| K – Factor ⁸ | 1.71 |
| G1 – Heat Generation Factor (Roller-Raceway) | 179 |
| G2 – Heat Generation Factor (Rib-Roller End) | 32.4 |
| Cg – Geometry Factor | 0.0948 |