

Timken 9103PP deep groove ball bearings

Timken 9103PP deep groove ball bearings manufacturer and global supplier of reliable ball and roller ... Timken 9103PP deep groove ball bearings Industries Products Manufacturing & Engineering and Agricultural Bearings designed to meet the 14000 Series unique 14124 Cone Part Number requirements of our targeted industries.

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| Series | 14000 |
| Cone Part Number | 14124 |
| Cup Part Number | 14283 |
| Design Units | Imperial |
| Bearing Weight | 0.4 Kg |
| Cage Type | Stamped Steel |
| d | 31.750 mm |
| D | 72.085 mm |
| B – Cone Width | 19.583 mm |
| C – Cup Width | 18.415 mm |
| B | 22.385 mm |
| R – Cone Backface To Clear Radius ¹ | 0.760 mm |
| r – Cup Backface To Clear Radius ² | 2.29 mm |
| da – Cone Frontface Backing Diameter | 38.61 mm |
| db – Cone Backface Backing Diameter | 39.12 mm |
| Da – Cup Frontface Backing Diameter | 66.00 mm |
| Db – Cup Backface Backing Diameter | 59.94 mm |
| Ab – Cage-Cone Frontface Clearance | 1.8 mm |
| Aa – Cage-Cone Backface Clearance | 0.5 mm |
| a – Effective Center Location ³ | -4.3 mm |

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| C90 – Dynamic Radial Rating (90 million revolutions) ⁴ | 3180 lbf |
| C1 – Dynamic Radial Rating (1 million revolutions) ⁵ | 12300 lbf |
| C0 – Static Radial Rating | 13900 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶ | 2080 lbf |
| K – Factor ⁷ | 1.53 |
| e – ISO Factor ⁸ | 0.38 |
| Y – ISO Factor ⁹ | 1.57 |
| G1 – Heat Generation Factor (Roller-Raceway) | 18 |
| G2 – Heat Generation Factor (Rib-Roller End) | 13.3 |
| Cg – Geometry Factor | 0.0668 |