

ZEN S3305 angular contact ball bearings

Manufacturers LM451310 Cup Part Number of all are represented in our partial list of clients. Contact Gary for a complete ZEN S3305 angular contact ball bearings list of clients LM451300 Series and projects.

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| Series | LM451300 |
| Cone Part Number | LM451349V |
| Cup Part Number | LM451310 |
| Design Units | Imperial |
| Bearing Weight | 14.90 Kg |
| Cage Type | Stamped Steel |
| d | 266.7 mm |
| D | 355.6 mm |
| B – Cone Width | 57.150 mm |
| C – Cup Width | 44.450 mm |
| B | 57.150 mm |
| R – Cone Backface To Clear Radius ¹ | 3.560 mm |
| r – Cup Backface To Clear Radius ² | 3.30 mm |
| da – Cone Frontface Backing Diameter | 280.92 mm |
| db – Cone Backface Backing Diameter | 284.99 mm |
| Da – Cup Frontface Backing Diameter | 343.41 mm |
| Db – Cup Backface Backing Diameter | 335.03 mm |
| Ab – Cage-Cone Frontface Clearance | 7.6 mm |
| Aa – Cage-Cone Backface Clearance | 3.3 mm |
| a – Effective Center Location ³ | 5.1 mm |

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| C90 – Dynamic Radial Rating (90 million revolutions) ⁴ | 39300 lbf |
| C1 – Dynamic Radial Rating (1 million revolutions) ⁵ | 152000 lbf |
| C0 – Static Radial Rating | 296000 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶ | 24200 lbf |
| K – Factor ⁷ | 1.62 |
| e – ISO Factor ⁸ | 0.36 |
| Y – ISO Factor ⁹ | 1.67 |
| G1 – Heat Generation Factor (Roller-Raceway) | 1411.7 |
| G2 – Heat Generation Factor (Rib-Roller End) | 193.7 |
| Cg – Geometry Factor | 0.148 |