

# IKO TLA 3512 Z needle roller bearings

Enjoy High Margins on Competitive Imperial Design Units Pricing.Great 455 Series Wholesale Products at 455W Cone Part Number Low Costs.

|   |               |
|---|---------------|
| Series  | 455           |
| Cone Part Number  | 455W          |
| Design Units  | Imperial      |
| Cage Type   | Stamped Steel |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions)1      | 53100 lbf     |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions)2 | 13800 lbf     |
| d   | 2 in          |
| B – Cone Width  | 1.1542 in     |
| R – Cone Backface To Clear Radius3                                | 0.03 in       |
| da – Cone Frontface Backing Diameter                              | 2.32 in       |
| db – Cone Backface Backing Diameter                               | 2.36 in       |
| Ab – Cage-Cone Frontface Clearance                                | 0.08 in       |
| Aa – Cage-Cone Backface Clearance                                 | 0.07 in       |
| a – Effective Center Location4                                    | -0.28 in      |
| C90 – Dynamic Radial Rating (90 million revolutions)5             | 7900 lbf      |
| C1 – Dynamic Radial Rating (1 million revolutions)6               | 30500 lbf     |
| C0 – Static Radial Rating   | 37200 lbf     |
| Ca90 – Dynamic Thrust Rating (90 million revolutions)7            | 4540 lbf      |

|  |        |
|--|--------|
| K – Factor <sub>8</sub>                      | 1.74   |
| G1 – Heat Generation Factor (Roller-Raceway) | 58.6   |
| G2 – Heat Generation Factor (Rib-Roller End) | 17.1   |
| Cg – Geometry Factor                         | 0.0946 |