

# FAG 22222-E1-K + AHX3122 spherical roller bearings

Various Stamped Steel Cage Type types and sizes to accommodate your LL428349 Cone Part Number FAG 22222-E1-K + AHX3122 spherical roller bearings requirements.

|   |               |
|---|---------------|
| Cone Part Number  | LL428349      |
| Design Units  | Imperial      |
| Cage Type   | Stamped Steel |
| C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>      | 44400 lbf     |
| C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup> | 11500 lbf     |
| d   | 5.5000 in     |
| B – Cone Width  | 0.8125 in     |
| R – Cone Backface To Clear Radius <sup>3</sup>                                | 0.06 in       |
| da – Cone Frontface Backing Diameter  | 5.75 in       |
| db – Cone Backface Backing Diameter   | 5.83 in       |
| Ab – Cage-Cone Frontface Clearance  | 0.11 in       |
| Aa – Cage-Cone Backface Clearance   | 0.02 in       |
| a – Effective Center Location <sup>4</sup>                                    | 0.31 in       |
| C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>             | 6600 lbf      |
| C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>               | 25500 lbf     |
| C0 – Static Radial Rating   | 47400 lbf     |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>            | 4130 lbf      |
| K – Factor <sup>8</sup>   | 1.6           |

|  |      |
|--|------|
| G1 – Heat Generation Factor (Roller-Raceway) | 232  |
| G2 – Heat Generation Factor (Rib-Roller End) | 156  |
| Cg – Geometry Factor                         | 0.15 |