

# NSK RS-5032NR cylindrical roller bearings

Enjoy High Margins on Competitive Pricing.Great Wholesale HH249900 Series Products at HH249949V Cone Part Number Low Costs.

|   |            |
|---|------------|
| Series  | HH249900   |
| Cone Part Number  | HH249949V  |
| Cup Part Number   | HH249910   |
| Design Units  | Imperial   |
| Bearing Weight  | 60.600 Kg  |
| Cage Type   | Pin-Type   |
| d   | 247.650 mm |
| D   | 406.400 mm |
| B – Cone Width  | 117.475 mm |
| C – Cup Width   | 93.663 mm  |
| B   | 115.888 mm |
| R – Cone Backface To Clear Radius <sup>1</sup>                    | 6.35 mm    |
| r – Cup Backface To Clear Radius <sup>2</sup>                     | 6.35 mm    |
| da – Cone Frontface Backing Diameter                              | 275.08 mm  |
| db – Cone Backface Backing Diameter                               | 283.97 mm  |
| Da – Cup Frontface Backing Diameter                               | 383.54 mm  |
| Db – Cup Backface Backing Diameter                                | 366.01 mm  |
| Ab – Cage-Cone Frontface Clearance                                | 6.1 mm     |
| Aa – Cage-Cone Backface Clearance                                 | 7.1 mm     |
| a – Effective Center Location <sup>3</sup>                        | -28.7 mm   |
| C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup> | 121000 lbf |

|  |            |
|--|------------|
| C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>    | 468000 lbf |
| C0 – Static Radial Rating  | 846000 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup> | 69000 lbf  |
| K – Factor <sup>7</sup>  | 1.76       |
| e – ISO Factor <sup>8</sup>  | 0.33       |
| Y – ISO Factor <sup>9</sup>  | 1.8        |
| G1 – Heat Generation Factor (Roller-Raceway)                       | 2373.9     |
| G2 – Heat Generation Factor (Rib-Roller End)                       | 173.3      |
| Cg – Geometry Factor   | 0.175      |