

# NKE 7318-BE-MP angular contact ball bearings

How do I place an EMERGENCY order for a NKE 7318-BE-MP angular contact ball bearings that I want to pick 29000 Series up at a our store?

|   |               |
|---|---------------|
| Series  | 29000         |
| Cone Part Number  | 29168         |
| Cup Part Number   | 29334         |
| Design Units  | Imperial      |
| Bearing Weight  | 0.5 Kg        |
| Cage Type   | Stamped Steel |
| d   | 42.863 mm     |
| D   | 84.988 mm     |
| B – Cone Width  | 19.164 mm     |
| C – Cup Width   | 15.875 mm     |
| B   | 18.999 mm     |
| R – Cone Backface To Clear Radius <sup>1</sup>                    | 1.520 mm      |
| r – Cup Backface To Clear Radius <sup>2</sup>                     | 1.52 mm       |
| da – Cone Frontface Backing Diameter                              | 49.02 mm      |
| db – Cone Backface Backing Diameter                               | 51.05 mm      |
| Da – Cup Frontface Backing Diameter                               | 78.00 mm      |
| Db – Cup Backface Backing Diameter                                | 73.91 mm      |
| Ab – Cage-Cone Frontface Clearance                                | 2.3 mm        |
| Aa – Cage-Cone Backface Clearance                                 | 0.3 mm        |
| a – Effective Center Location <sup>3</sup>                        | -1.3 mm       |
| C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup> | 3640 lbf      |

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| C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>    | 14000 lbf |
| C0 – Static Radial Rating  | 15600 lbf |
| Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup> | 2770 lbf  |
| K – Factor <sup>7</sup>  | 1.31      |
| e – ISO Factor <sup>8</sup>  | 0.44      |
| Y – ISO Factor <sup>9</sup>  | 1.35      |
| G1 – Heat Generation Factor (Roller-Raceway)                       | 23.8      |
| G2 – Heat Generation Factor (Rib-Roller End)                       | 15.3      |
| Cg – Geometry Factor   | 0.0766    |