

# INA PCFTR25 bearing units

What is the best place to buy INA PCFTR25 bearing units online? 80300 Series Manufacturing Service .

|   |               |
|---|---------------|
| Series  | 80300         |
| Cone Part Number  | 80385         |
| Cup Part Number   | 80325         |
| Design Units  | Imperial      |
| Bearing Weight  | 20.5 Kg       |
| Cage Type   | Stamped Steel |
| d   | 431.800 mm    |
| D   | 533.400 mm    |
| B – Cone Width  | 46.038 mm     |
| C – Cup Width   | 34.925 mm     |
| B   | 46.038 mm     |
| R – Cone Backface To Clear Radius <sup>1</sup>                                | 3.300 mm      |
| r – Cup Backface To Clear Radius <sup>2</sup>                                 | 3.30 mm       |
| da – Cone Frontface Backing Diameter  | 446.02 mm     |
| db – Cone Backface Backing Diameter   | 450.09 mm     |
| Da – Cup Frontface Backing Diameter   | 514.10 mm     |
| Db – Cup Backface Backing Diameter  | 510.03 mm     |
| Ab – Cage-Cone Frontface Clearance  | 2.8 mm        |
| Aa – Cage-Cone Backface Clearance   | 3 mm          |
| a – Effective Center Location <sup>3</sup>                                    | 23.4 mm       |
| C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup> | 36400 lbf     |
| C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>   | 140000 lbf    |
| C <sub>0</sub> – Static Radial Rating   | 342000 lbf    |

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| Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup> | 19000 lbf |
| K – Factor <sup>7</sup>  | 1.91      |
| e – ISO Factor <sup>8</sup>  | 0.31      |
| Y – ISO Factor <sup>9</sup>  | 1.96      |
| G1 – Heat Generation Factor (Roller-Raceway)                       | 3210      |
| G2 – Heat Generation Factor (Rib-Roller End)                       | 801       |
| Cg – Geometry Factor   | 0.181     |