

# TC815 INA 12.7×23.813×1.984mm m 0.004 kg / Weight Thrust roller bearings

|                     |   |
|---------------------|---|
| Bearing number      | TC815                                     |
| Size (mm)           | 12.7×23.813×1.984                         |
| Brand               | INA                                       |
| Bore Diameter (mm)  | 12.7                                      |
| Outer Diameter (mm) | 23.813                                    |
| Width (mm)          | 1.984                                     |
| $D_{c1}$            | 1/2 inch                                  |
| $D_{c1}$            | 12.7 mm                                   |
| $D_c$               | 0.938 inch                                |
| $D_c$               | 23.813 mm                                 |
| $D_w$               | 0.078 inch                                |
| $D_w$               | 1.984 mm                                  |
| $E_a$               | 0.89 inch                                 |
| $E_a$               | 22.6 mm                                   |
| $E_b$               | 0.532 inch                                |
| $E_b$               | 13.5 mm                                   |
| m                   | 0.009 lbs / Weight                        |
| m                   | 0.004 kg / Weight                         |
| $C_a$               | 1910 lbf / Dynamic load rating<br>(axial) |
| $C_a$               | 8500 N / Dynamic load rating (axial)      |

|                            |  |
|----------------------------|--|
| $C_{0a}$                   | 5300 lbf / Static load rating (axial)  |
| $C_{0a}$                   | 23600 N / Static load rating (axial)   |
| Category                   | Thrust Roller Bearing  |
| BDI Inventory              | 0.0  |
| Manufacturer Name          | SCHAEFFLER GROUP   |
| Minimum Buy Quantity       | N/A  |
| Weight / Kilogram          | 0.007  |
| EAN                        | 4047643192279  |
| Product Group – BDI        | B04144   |
| Rolling Element            | Needle Roller Bearing  |
| Self Aligning              | No   |
| Component Description      | Roller Assembly Only   |
| Thrust Bearing             | Yes  |
| Single or Double Direction | Single Direction   |
| Banded                     | No   |
| Cage Material              | Steel  |
| Precision Class            | ABEC 1   ISO P0  |
| Other Features             | Single Row   Axial Needle Roller   |
| Long Description           | 1/2" Bore 1; 1/2" Bore 2; 15/16" Outside Diameter; 5/64" Height; Needle Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Steel Cage; ABEC 1   ISO P0; Roller Assembly Only |
| Inch – Metric              | Inch   |
| Category – BDI             | Thrust Roller Bearings   |
| UNSPSC                     | 31171500   |
| Harmonized Tariff Code     | 8482.99.25.40  |

|                                     |   |
|-------------------------------------|---|
| Noun                                | Roller Assembly                                     |
| Keyword String                      | Thrust Needle                                       |
| Manufacturer URL                    | <a href="http://www.ina.com">http://www.ina.com</a> |
| Manufacturer Item Number            | TC815   |
| Weight / LBS                        | 0.009   |
| Bore 1                              | 0.5 Inch   12.7 Millimeter                          |
| Height                              | 0.078 Inch   1.981 Millimeter                       |
| Outside Diameter                    | 0.938 Inch   23.825 Millimeter                      |
| Overall Height with Aligning Washer | 0 Inch   0 Millimeter                               |
| Bore 2                              | 0.5 Inch   12.7 Millimeter                          |