

# NKX40-Z INA Outside Diameter 2.047 Inch | 52 Millimeter 40x52x32mm Complex bearings

|                            |  |
|----------------------------|--|
| Category                   | Thrust Roller Bearing  |
| BDI Inventory              | 1.0  |
| Manufacturer Name          | SCHAEFFLER GROUP   |
| Minimum Buy Quantity       | N/A  |
| Weight / Kilogram          | 0  |
| EAN                        | 4012802060300  |
| Product Group – BDI        | B04144   |
| Rolling Element            | Combination – Needle Roller and Thrust Ball Bearing  |
| Self Aligning              | No   |
| Component Description      | Roller Assembly plus Raceways  |
| Thrust Bearing             | Yes  |
| Single or Double Direction | Single Direction   |
| Banded                     | No   |
| Cage Material              | Steel  |
| Precision Class            | ABEC 1   ISO P0  |
| Other Features             | With Grease Retaining Cap  |
| Long Description           | 40MM Bore 1; 40MM Bore 2; 52MM Outside Diameter; 32MM Height; Combination – Needle Roller and Thrust Ball Bearing; Single Direction; Not Self Aligning; Not Banded; Steel Cage; ABEC 1   ISO P0; Roller Assembly plus Raceways |
| Inch – Metric              | Metric   |

|                                     |   |
|-------------------------------------|---|
| Category – BDI                      | Thrust Roller Bearings                              |
| UNSPSC                              | 31171537  |
| Harmonized Tariff Code              | 8482.80.00.40                                       |
| Noun                                | Bearing   |
| Keyword String                      | Combination   |
| Manufacturer URL                    | <a href="http://www.ina.com">http://www.ina.com</a> |
| Manufacturer Item Number            | NKX40Z  |
| Weight / LBS                        | 0.441   |
| Bore 2                              | 1.575 Inch   40 Millimeter                          |
| Bore 1                              | 1.575 Inch   40 Millimeter                          |
| Overall Height with Aligning Washer | 0 Inch   0 Millimeter                               |
| Outside Diameter                    | 2.047 Inch   52 Millimeter                          |
| Height                              | 1.26 Inch   32 Millimeter                           |
| Bearing number                      | NKX40-Z   |
| Size (mm)                           | 40x52x32  |
| Brand                               | INA   |
| Bore Diameter (mm)                  | 40  |
| Outer Diameter (mm)                 | 52  |
| Width (mm)                          | 32  |
| $F_w$                               | 40 mm   |
| D                                   | 52 mm   |
| C – 32 mm / Tolerance:<br>-0,25     | 32 mm / Tolerance: 0.25                             |
| $C_1$ – 13 mm / Tolerance:<br>-0,2  | 13 mm / Tolerance: 0.2                              |
| $C_2$                               | 10 mm   |
| $D_{2 \max}$                        | 61.2 mm   |

|              |   |
|--------------|---|
| $d_a$        | 55.7 mm                                   |
| $d_w$        | 40 mm / Tolerance: E8                     |
| $r_{a \max}$ | 0.6 mm                                    |
| $r_{\min}$   | 0.6 mm                                    |
|              | NAXK40Z / Designation to DIN 5429         |
| $m$          | 208 g / Weight                            |
| $C_r$        | 29500 N / Dynamic load rating<br>(radial) |
| $C_{0r}$     | 47000 N / Static load rating (radial)     |
| $C_a$        | 27000 N / Dynamic load rating (axial)     |
| $C_{0a}$     | 63000 N / Static load rating (axial)      |
| $C_{ur}$     | 8300 N / Fatigue limit load. radial       |
| $C_{ua}$     | 3000 N / Fatigue limit load. axial        |
| $n_G$        | 4000 1/min / Limiting speed               |
|              | IR35X40X20 / Suitable inner ring          |