

NKX12-Z INA Ca 10300 N / Dynamic load rating (axial) 12x21x23mm Complex bearings

| | |
|----------------------------|--|
| Category | Thrust Roller Bearing |
| BDI Inventory | 7.0 |
| Manufacturer Name | SCHAEFFLER GROUP |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.5 |
| EAN | 4012802702934 |
| 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 | 12MM Bore 1; 12MM Bore 2; 21MM Outside Diameter; 23MM 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 | http://www.ina.com |
| Manufacturer Item Number | NKX12Z |
| Weight / LBS | 0.084 |
| Bore 1 | 0.472 Inch 12 Millimeter |
| Bore 2 | 0.472 Inch 12 Millimeter |
| Outside Diameter | 0.827 Inch 21 Millimeter |
| Height | 0.906 Inch 23 Millimeter |
| Overall Height with Aligning Washer | 0 Inch 0 Millimeter |
| Bearing number | NKX12-Z |
| Size (mm) | 12x21x23 |
| Brand | INA |
| Bore Diameter (mm) | 12 |
| Outer Diameter (mm) | 21 |
| Width (mm) | 23 |
| F_w | 12 mm |
| D | 21 mm |
| C – 23 mm / Tolerance: -0,25 | 23 mm / Tolerance: 0.25 |
| C_1 – 9 mm / Tolerance: -0,2 | 9 mm / Tolerance: 0.2 |
| C_2 | 6.5 mm |
| $D_{2 \max}$ | 27.2 mm |

| | |
|--------------|---|
| d_a | 21.7 mm |
| d_w | 12 mm / Tolerance: E8 |
| $r_{a \max}$ | 0.3 mm |
| r_{\min} | 0.3 mm |
| | NAXK12Z / Designation to DIN 5429 |
| m | 40 g / Weight |
| C_r | 10100 N / Dynamic load rating (radial) |
| C_{0r} | 11000 N / Static load rating (radial) |
| C_a | 10300 N / Dynamic load rating (axial) |
| C_{0a} | 15400 N / Static load rating (axial) |
| C_{ur} | 1920 N / Fatigue limit load. radial |
| C_{ua} | 740 N / Fatigue limit load. axial |
| n_G | 11000 1/min / Limiting speed |
| | IR9X12X16 / Suitable inner ring |