



# PRECISION BEARING CORP.



NJ205ET Bearing 2D drawings and 3D CAD models

25 x 2.047 Inch | 52 Millimeter x 0.591 Inch | 15 Millimeter NSK NJ205ET Cylindrical Roller Bearings

Bearing No. NJ205ET

|                           |  |
|---------------------------|--|
| Category                  | Cylindrical Roller Bearings  |
| Inventory                 | 0.0  |
| Manufacturer Name         | NSK  |
| Minimum Buy Quantity      | N/A  |
| Weight                    | 0.13   |
| EAN                       | 0029176067907  |
| Product Group             | B04144   |
| Bore Profile              | Straight   |
| Cage Material             | Polymer  |
| Precision Class           | RBEC 1   ISO P0  |
| Number of Rows of Rollers | Single Row   |
| Separable                 | Inner Ring - One Side  |
| Rolling Element           | Cylindrical Roller Bearing   |
| Profile                   | Complete with Outer and Inner Ring   |
| Snap Ring                 | No   |
| Internal Clearance        | C0-Medium  |
| Retainer                  | Yes  |
| Relubricatable            | Yes  |
| Inch - Metric             | Metric   |
| Other Features            | High Capacity   1 Rib Inner Ring   2 Rib Outer Ring   Light Series   Cage on Outer Ring ID |
| Long Description          | 25MM Bore; Straight Bore Profile; 52MM Outside   |



## PRECISION BEARING CORP.

|                          |  |
|--------------------------|--|
|                          | Diameter; 15MM Width;<br>Polymer Cage Material;<br>RBEC 1   ISO P0; Single<br>Row; Inner Ring - One Side<br>Separable; No Snap Ring;<br>Relubricatable; C0-Medium<br>Inter |
| Category                 | Cylindrical Roller Bearing   |
| UNSPSC                   | 31171547   |
| Harmonized Tariff Code   | 8482.50.00.00  |
| Noun                     | Bearing  |
| Manufacturer URL         | <a href="http://www.nskamericas.com">http://www.nskamericas.com</a>  |
| Manufacturer Item Number | NJ205ET  |
| Weight / LBS             | 0.287  |
| B                        | 0.591 Inch   15 Millimeter   |
| D                        | 2.047 Inch   52 Millimeter   |
| d                        | 0.984 Inch   25 Millimeter   |
| hidYobi                  | NJ205ET  |
| LangID                   | 1  |
| D_                       | 52   |
| Macha rpm                | 17000  |
| C                        | 29.3   |
| B_                       | 15   |
| hidTable                 | ecat_NSCLDR  |
| Oil rpm                  | 14000  |
| rb                       | 0.6  |
| mass                     | 0.137  |
| GRS rpm                  | 12000  |
| ra                       | 1  |
| db max                   | 30   |
| TSR rpm                  | 14000  |
| C0                       | 27.7   |
| DE_                      | 46.5   |
|                          |  |



## PRECISION BEARING CORP.

| Prod_Type3 | CRB_SR_NJ |
|------------|-----------|
| d          | 25        |
| da         | 30        |
| DA_        | 7.5       |
| Z_         | 13        |
| D_a max    | 47        |
| yobi       | NJ205ET   |
| dd min     | 37        |
| Fw         | 31.5      |
| C_conv     | 29300     |
| ALPHA_     | 0         |
| SDM_       | 39        |
| r          | 1         |
| db min     | 29        |
| dc min     | 34        |
| KBRG       | 4152      |
| SBRG       | 2         |
| r1         | 0.6       |
| DI_        | 31.5      |