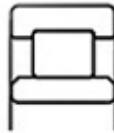




# Hebei Xiantong Bearing Co., Ltd.



NU324EMA Bearing 2D drawings and 3D CAD models

## NU324EMA Timken Cylindrical Roller Bearing

Bearing No. NU324EMA

|                           |   |
|---------------------------|---|
| Category                  | Cylindrical Roller Bearings   |
| Inventory                 | 0.0   |
| Manufacturer Name         | TIMKEN  |
| Minimum Buy Quantity      | N/A   |
| Weight                    | 14.664  |
| Product Group             | B04144  |
| Bore Profile              | Straight  |
| Cage Material             | Brass   |
| Precision Class           | RBEC 1   ISO P0   |
| Number of Rows of Rollers | Single Row  |
| Separable                 | Inner Ring - Both Sides   |
| 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   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID   |
| Long Description          | 120MM Bore; Straight Bore Profile; 260MM Outside Diameter; 55MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; |



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|   |   |
|---|---|
|   | Relubricatable; C0-Medium Int                             |
| Category  | Cylindrical Roller Bearings                               |
| UNSPSC  | 31171547  |
| Harmonized Tariff Code                            | 8482.50.00.00   |
| Noun  | Bearing   |
| Manufacturer URL                                  | <a href="http://www.timken.com">http://www.timken.com</a> |
| Manufacturer Item Number                          | NU324EMA  |
| Weight / LBS                                      | 32.3  |
| B   | 2.165 Inch   55 Millimeter                                |
| D   | 10.236 Inch   260 Millimeter                              |
| d   | 4.724 Inch   120 Millimeter                               |
| Design Units                                      | METRIC  |
| Bearing Weight                                    | 14.70 Kg  |
| Type  | NU  |
| Tapered Bore                                      | N   |
| d - Bore  | 120 mm  |
| D - Outer Diameter                                | 260 mm  |
| C - Inner Ring Width                              | 55.000 mm   |
| B - Outer Ring Width                              | 55.000 mm   |
| C0 - Static Radial Rating                         | 614000 N  |
| C - Dynamic Radial Rating <sup>1</sup>            | 594000 N  |
| Reference Thermal Speed Rating (Grease)           | 2300  |
| Reference Thermal Speed Rating (Oil) <sup>2</sup> | 2700  |
| Cg - Geometry Factor <sup>3</sup>                 | 0.1177  |
| R - Inner Ring To Clear Radius <sup>4</sup>       | 2.500 mm  |
| r - Outer Ring To Clear Radius <sup>5</sup>       | 2.500 mm  |
| da - Inner Ring Backing Diameter                  | 147.000 mm  |
| Da - Outer Ring Backing                           | 0.000 mm  |



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|          |  |
|----------|--|
| Diameter |  |
|----------|--|