

# Timken L860049/L860010 tapered roller bearings

Offer High Quality Brand 120 Bore Diameter (mm) Timken L860049/L860010 tapered roller bearings .Contact Us Online to 120x55x29 Size (mm) Get Best 55 Outer Diameter (mm) Quote.

|                               |            |
|-------------------------------|------------|
| Size (mm)                     | 120x55x29  |
| Bore Diameter (mm)            | 120        |
| Outer Diameter (mm)           | 55         |
| Width (mm)                    | 29         |
| d                             | 55 mm      |
| D                             | 120 mm     |
| B                             | 29 mm      |
| d1                            | 77.5 mm    |
| D1                            | 100.3 mm   |
| F                             | 70.5 mm    |
| r1,2 – min.                   | 2 mm       |
| r3,4 – min.                   | 2 mm       |
| da – min.                     | 65 mm      |
| db – min.                     | 80 mm      |
| Da – max.                     | 109.2 mm   |
| ra – max.                     | 2 mm       |
| Basic dynamic load rating – C | 156 kN     |
| Basic static load rating – C0 | 143 kN     |
| Fatigue load limit – Pu       | 18.6 kN    |
| Reference speed               | 6000 r/min |
| Limiting speed                | 7000 r/min |
| Calculation factor – kr       | 0.15       |

|                           |   |
|---------------------------|---|
| Inventory                 | 3.0   |
| Manufacturer Name         | SKF   |
| Minimum Buy Quantity      | N/A   |
| Weight / Kilogram         | 1.57  |
| EAN                       | 7316570941326   |
| Product Group             | B04144  |
| Bore Profile              | Straight  |
| Cage Material             | Steel   |
| Precision Class           | RBEC 1   ISO P0   |
| Number of Rows of Rollers | Single Row  |
| Separable                 | No  |
| 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 with Side Plate   2 Rib Outer Ring   Cage on Outer Ring ID       |
| Long Description          | 55MM Bore; Straight Bore Profile; 120MM Outside Diameter; 29MM Width; Steel Cage Material; RBEC 1 |
| UNSPSC                    | 31171547  |
| Harmonized Tariff Code    | 8482.50.00.00   |
| Noun                      | Bearing   |

|                              |                                   |
|------------------------------|-----------------------------------|
| Manufacturer Item Number     | NUP 311 ECJ                       |
| Weight / LBS                 | 3.459                             |
| Outside Diameter             | 4.724 Inch   120 Millimeter       |
| Width                        | 1.142 Inch   29 Millimeter        |
| Bore                         | 2.165 Inch   55 Millimeter        |
| bore diameter:               | 55 mm                             |
| static load capacity:        | 143 kN                            |
| outside diameter:            | 120 mm                            |
| precision rating:            | Not Rated                         |
| overall width:               | 29 mm                             |
| maximum rpm:                 | 7000 RPM                          |
| flanges:                     | (4) Flanges, Two-Piece Inner Ring |
| bearing material:            | Steel                             |
| bore type:                   | Straight                          |
| cage material:               | Steel                             |
| number of rows:              | 1                                 |
| finish/coating:              | Uncoated                          |
| internal clearance:          | C0                                |
| closure type:                | Open                              |
| ring separation:             | Separable Ring                    |
| outer ring width:            | 29 mm                             |
| operating temperature range: | Maximum of +300 °F                |
| fillet radius:               | 2 mm                              |
| dynamic load capacity:       | 156 kN                            |
| series:                      | NUP3                              |
| d1 ≈                         | 77.5 mm                           |
| D1 ≈                         | 100.3 mm                          |
| r1,2 min.                    | 2 mm                              |

|   |          |
|---|----------|
| r <sub>3,4</sub> min.                   | 2 mm     |
| d <sub>a</sub> min.                     | 65 mm    |
| d <sub>b</sub> min.                     | 80 mm    |
| D <sub>a</sub> max.                     | 109.2 mm |
| r <sub>a</sub> max.                     | 2 mm     |
| Basic dynamic load rating C             | 156 kN   |
| Basic static load rating C <sub>0</sub> | 143 kN   |
| Fatigue load limit P <sub>u</sub>       | 18.6 kN  |
| Calculation factor k <sub>r</sub>       | 0.15     |
| Limiting value e                        | 0.2      |
| Axial load factor Y                     | 0.6      |
| Mass bearing                            | 1.53 kg  |