



**Bearing No. E30311J**

|               |                  |
|---------------|------------------|
| a             | 6.5 mm           |
| D             | 120 mm           |
| C             | 25 mm            |
| B             | 29 mm            |
| T             | 31.5 mm          |
| d             | 55 mm            |
| r1            | 2 mm             |
| Width         | 31.5 mm          |
| Weight        | 1.56 Kg          |
| r1 min.       | 2.5 mm           |
| r2 min.       | 2 mm             |
| S2 (min)      | 6.5 mm           |
| Category      | Roller Bearings  |
| Db (min)      | 111 mm           |
| Da (min)      | 104 mm           |
| db (max)      | 71 mm            |
| da (min)      | 67 mm            |
| S1 (min)      | 4 mm             |
| Size (mm)     | 55x120x31.5      |
| Bore Type     | Cylindrical Bore |
| Bore Size     | 55 mm            |
| Inventory     | 0.0              |
| Enclosure     | Open             |
| Constant e    | 0.35             |
| Width (mm)    | 31.5             |
| Load Center   | 6 mm             |
| Cup ra (max)  | 2 mm             |
| Cone ra (max) | 2 mm             |
| Product Group | B04334           |
| Configuration | Single Row       |

|                               |            |
|-------------------------------|------------|
| Bearing number                | E30311J    |
| Outside Diameter              | 120 mm     |
| Weight / Kilogram             | 0          |
| Manufacturer Name             | NACHI      |
| Bore Diameter (mm)            | 55         |
| Static Load Rating            | 170,000 N  |
| Dynamic Load Rating           | 149,000 N  |
| Outer Diameter (mm)           | 120        |
| Axial Load Factor Y1          | 1.74       |
| Axial Load Factor Y0          | 0.96       |
| Minimum Buy Quantity          | N/A        |
| Limiting Speed - Oil          | 4,500 rpm  |
| Fillet Radius/Chamfer         | 2.5 mm     |
| Calculation factor (e)        | 0.35       |
| (Oil) Lubrication Speed       | 4400 r/min |
| Limiting Speed - Grease       | 3,300 rpm  |
| Calculation factor (Y0)       | 0.96       |
| (Grease) Lubrication Speed    | 3300 r/min |
| Basic static load rating (C0) | 170000 kN  |
| Basic dynamic load rating (C) | 148000 kN  |