



# SKF BEARING MANUFACTURING CO.,LTD.



6024LU Bearing 2D drawings and 3D CAD models

120,000 mm x 180,000 mm x 28,000 mm NTN  
6024LU deep groove ball bearings

Bearing No. 6024LU

|   |               |
|---|---------------|
| Size  | 120x180x28 mm |
| Bore Diameter                                 | 120,000 mm    |
| Outer Diameter                                | 180,000 mm    |
| Width   | 28,000 mm     |
| d   | 120,000 mm    |
| D   | 180,000 mm    |
| B   | 28,000 mm     |
| C   | 28,000 mm     |
| rs min  | 2 mm          |
| Radial clearance class                        | CN            |
| Mass  | 2.07 kg       |
| Dynamic load, C                               | 85 kN         |
| Static load, C0                               | 79.5 kN       |
| Fatigue limit load, Cu                        | 2.95 kN       |
| f0  | 15.9          |
| Nlim (grease)                                 | 2,100 rpm     |
| Min operating temperature, Tmin               | -25 ° C       |
| Max operating temperature, Tmax               | 110 ° C       |
| Characteristic cage frequency, FTF            | 0.44 Hz       |
| Characteristic rolling element frequency, BSF | 8.1 Hz        |
| Characteristic outer ring frequency, BPF0     | 6.59 Hz       |
| Characteristic inner ring                     | 8.41 Hz       |



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|                 |        |
|-----------------|--------|
| frequency, BPF1 |        |
| da min          | 129 mm |
| da max          | 136 mm |
| Da max          | 171 mm |
| ra max          | 2 mm   |