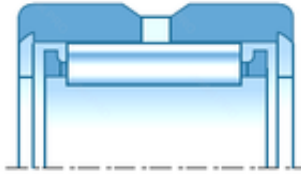




# ISO BEARING-SINGAPORE (PTE)LTD.

## NTN RNA0-100X120X30 needle roller bearings



Bearing No. RNA0-100X120X30

RNA0-100X120X30 Bearing 2D drawings and 3D CAD models

|   |               |
|---|---------------|
| Size  | 100x120x30 mm |
| Bore Diameter                                 | 100,000 mm    |
| Outer Diameter                                | 120,000 mm    |
| Width   | 30,000 mm     |
| Fw  | 100,000 mm    |
| D   | 120,000 mm    |
| C   | 30,000 mm     |
| E   | 108 mm        |
| rs min  | 1 mm          |
| Dw  | 4 mm          |
| Lw  | 25.4 mm       |
| Lubrication hole on outer ring                | Non/No        |
| Radial clearance class                        | CN            |
| Precision class                               | P0            |
| Mass  | 0.69 kg       |
| Cr  | 76 kN         |
| C0r   | 201 kN        |
| Nlim (grease)                                 | 2,700 rpm     |
| Nlim (oil)                                    | 4,000 rpm     |
| Min operating temperature, Tmin               | -20 ° C       |
| Max operating temperature, Tmax               | 120 ° C       |
| Characteristic cage frequency, FTF            | 0.48 Hz       |
| Characteristic rolling element frequency, BSF | 25.96 Hz      |



## ISO BEARING-SINGAPORE (PTE)LTD.

|   |          |
|---|----------|
| Characteristic outer ring frequency, BPF0 | 23.08 Hz |
| Characteristic inner ring frequency, BRFI | 24.92 Hz |
| db  | 107.2 mm |
| Da max                                    | 115 mm   |
| Db  | 101 mm   |
| ras max                                   | 1 mm     |