



#### Bearing No. K8X11X13

|                                               |            |
|-----------------------------------------------|------------|
| b                                             | 13 mm      |
| Fw                                            | 8,000 mm   |
| Ew                                            | 11,000 mm  |
| Bc                                            | 12,800 mm  |
| Dw                                            | 1.5 mm     |
| Lw                                            | 9.8 mm     |
| Cr                                            | 4.85 kN    |
| C0r                                           | 5.2 kN     |
| Mass                                          | 0.0026 kg  |
| Category                                      | Bearings   |
| Inventory                                     | 0.0        |
| Nlim (oil)                                    | 32,000 rpm |
| Product Group                                 | B04144     |
| Nlim (grease)                                 | 21,000 rpm |
| Bearing number                                | K8X11X13   |
| Manufacturer Name                             | NTN        |
| Weight / Kilogram                             | 0.008      |
| Bore Diameter (mm)                            | 8,000      |
| Outer Diameter (mm)                           | 11,000     |
| Minimum Buy Quantity                          | N/A        |
| Max operating temperature, Tmax               | 120 °C     |
| Min operating temperature, Tmin               | -20 °C     |
| Characteristic cage frequency, FTF            | 0.42 Hz    |
| Characteristic outer ring frequency, BPF0     | 4.21 Hz    |
| Characteristic inner ring frequency, BPFI     | 5.79 Hz    |
| Characteristic rolling element frequency, BSF | 6.18 Hz    |

