

## PDF technical sheet NU2326EG1



### Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage

| Product definition     |           |
|------------------------|-----------|
| d                      | 5.1181 "  |
| D                      | 11.0236 " |
| B                      | 3.6614 "  |
| E                      | 9.7244 "  |
| F                      | 6.5748 "  |
| rs min                 | 0.1575 "  |
| r1s min                | 0.1575 "  |
| Radial clearance class | CN        |
| Mass (without HJ ring) | 96.65 oz  |
| Brand                  | NTN       |



| Product performance                           |           |
|-----------------------------------------------|-----------|
| Dynamic load, C                               | 920 kN    |
| Static load, C0                               | 1,230 kN  |
| Fatigue limit load, Cu                        | 121 kN    |
| Nlim (oil)                                    | 2,300 RPM |
| Nlim (grease)                                 | 2,000 RPM |
| Min operating temperature, Tmin               | -40 °C    |
| Max operating temperature, Tmax               | 248 °C    |
| Characteristic cage frequency, FTF            | 0.40 Hz   |
| Characteristic rolling element frequency, BSF | 4.98 Hz   |
| Characteristic outer ring frequency, BPF0     | 5.65 Hz   |
| Characteristic inner ring frequency, BPF1     | 8.35 Hz   |



| Abutment dimensions |           |
|---------------------|-----------|
| da min              | 5.7480 "  |
| da max              | 6.4567 "  |
| db min              | 6.6535 "  |
| Da max              | 10.3937 " |
| ra max              | 0.1181 "  |
| r1a max             | 0.1181 "  |

### Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$