

## PDF technical sheet NUP332EG1C3



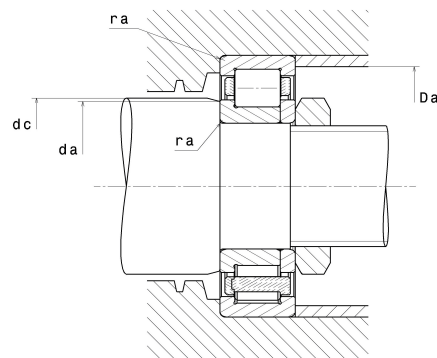
### Single row cylindrical roller bearings

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

| Product definition     |           |
|------------------------|-----------|
| d                      | 6.2992 "  |
| D                      | 13.3858 " |
| B                      | 2.6772 "  |
| E                      | 11.8110 " |
| F                      | 8.0315 "  |
| d1                     | 8.7874 "  |
| rs min                 | 0.1575 "  |
| r1s min                | 0.1575 "  |
| Radial clearance class | C3        |
| Mass (without HJ ring) | 95.24 oz  |
| Brand                  | NTN       |



| Product performance                           |           |
|-----------------------------------------------|-----------|
| Dynamic load, C                               | 860 kN    |
| Static load, C0                               | 1,050 kN  |
| Fatigue limit load, Cu                        | 97.30 kN  |
| Nlim (oil)                                    | 2,100 RPM |
| Nlim (grease)                                 | 1,800 RPM |
| Min operating temperature, Tmin               | -40 °C    |
| Max operating temperature, Tmax               | 248 °C    |
| Characteristic cage frequency, FTF            | 0.41 Hz   |
| Characteristic rolling element frequency, BSF | 5.06 Hz   |
| Characteristic outer ring frequency, BPF0     | 5.67 Hz   |
| Characteristic inner ring frequency, BPF1     | 8.33 Hz   |



| Abutment dimensions |           |
|---------------------|-----------|
| da min              | 6.9291 "  |
| dc min              | 8.9764 "  |
| Da max              | 12.7559 " |
| ra max              | 0.1181 "  |

#### Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$