

## PDF technical sheet NU2320C3

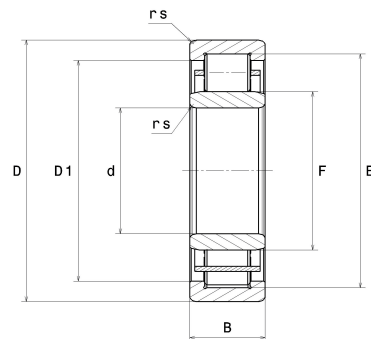


### Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage

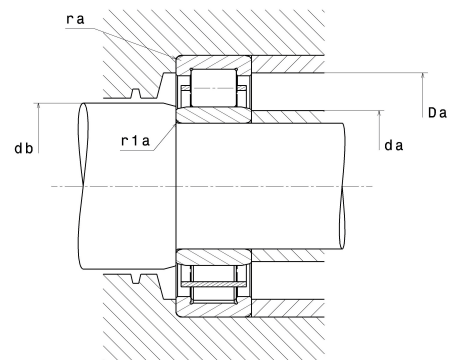
#### Product definition

|                        |          |
|------------------------|----------|
| d                      | 3.9370 " |
| D                      | 8.4646 " |
| B                      | 2.8740 " |
| E                      | 7.3031 " |
| F                      | 5.0984 " |
| rs min                 | 0.1181 " |
| r1s min                | 0.1181 " |
| Radial clearance class | C3       |
| Mass (without HJ ring) | 42.43 oz |
| Brand                  | NTN      |



#### Product performance

|                                 |           |
|---------------------------------|-----------|
| Dynamic load, C                 | 410 kN    |
| Static load, C0                 | 505 kN    |
| Fatigue limit load, Cu          | 53.70 kN  |
| Nlim (oil)                      | 3,400 RPM |
| Nlim (grease)                   | 2,900 RPM |
| Min operating temperature, Tmin | -40 °C    |
| Max operating temperature, Tmax | 248 °C    |



#### Abutment dimensions

|         |          |
|---------|----------|
| da min  | 4.4488 " |
| da max  | 4.9213 " |
| db min  | 5.1969 " |
| Da max  | 7.9528 " |
| ra max  | 0.0984 " |
| r1a max | 0.0984 " |

#### Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$