

## PDF technical sheet NJ2208



### Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

| Product definition     |          |
|------------------------|----------|
| d                      | 1.5748 " |
| D                      | 3.1496 " |
| B                      | 0.9055 " |
| E                      | 2.7559 " |
| F                      | 1.9685 " |
| d1                     | 2.1339 " |
| rs min                 | 0.0433 " |
| r1s min                | 0.0433 " |
| Radial clearance class | CN       |
| Mass (without HJ ring) | 1.76 oz  |
| Brand                  | NTN      |



| Product performance             |            |
|---------------------------------|------------|
| Dynamic load, C                 | 58 kN      |
| Static load, C0                 | 62 kN      |
| Fatigue limit load, Cu          | 7.60 kN    |
| Nlim (oil)                      | 10,000 RPM |
| Nlim (grease)                   | 8,500 RPM  |
| Min operating temperature, Tmin | -40 °C     |
| Max operating temperature, Tmax | 248 °C     |



| Abutment dimensions |          |
|---------------------|----------|
| da min              | 1.8307 " |
| da max              | 1.9291 " |
| dc min              | 2.2047 " |
| Da max              | 2.8937 " |
| ra max              | 0.0394 " |

### Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$