

## Technical data

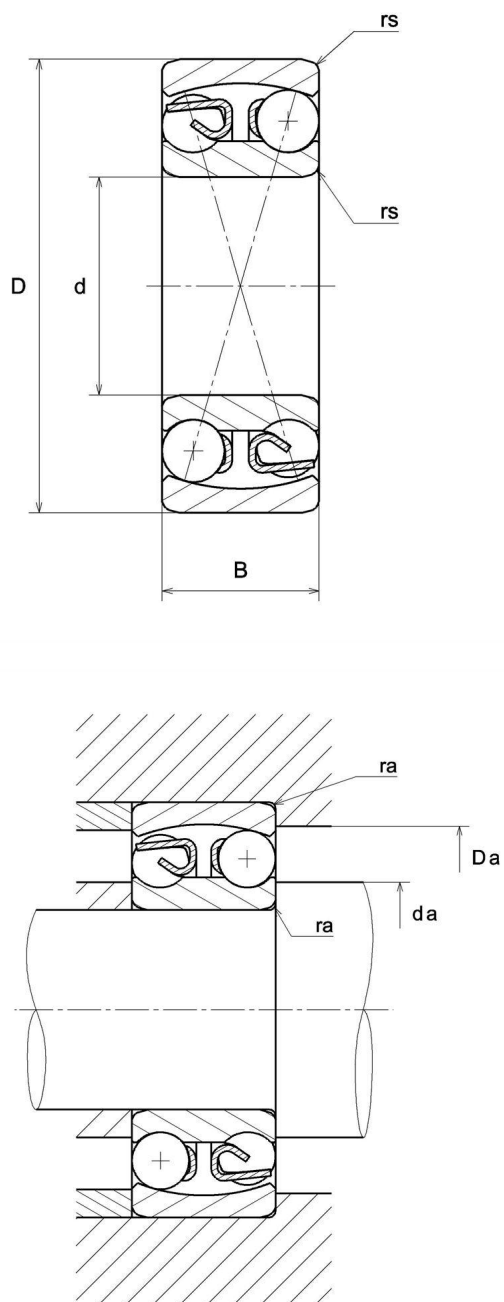
### 2207SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

#### VISUAL (S)



## PRODUCT DEFINITION

|                              |          |
|------------------------------|----------|
| Brand                        | NTN      |
| d - Internal diameter        | 35 mm    |
| D - External diameter        | 72 mm    |
| B - Bearing/Inner ring width | 23 mm    |
| rs - Min fillet radius       | 1,1 mm   |
| Radial clearance class       | C3       |
| Precision class              | P0       |
| Mass                         | 0,403 kg |

## PRODUCT PERFORMANCE

|                                        |             |
|----------------------------------------|-------------|
| C - Dynamic load                       | 21700000 mN |
| C0 - Static load                       | 6600000 mN  |
| Cu - Fatigue limit load                | 320000 mN   |
| e - Coefficient                        | 0.37        |
| Y0 - Static axial load coefficient     | 1.8         |
| Y1 - Lower axial load coefficient      | 1.7         |
| Y2 - Upper axial load coefficient      | 2.6         |
| N lim - Oil lubrication limit speed    | 60000 °/s   |
| N lim - Grease lubrication limit speed | 51000 °/s   |
| Tmin - Min operating temperature       | 253,15 °K   |
| Tmax - Max operating temperature       | 393,15 °K   |

## ABUTMENT

|                                   |         |
|-----------------------------------|---------|
| da min - Min shoulder diameter IR | 41,5 mm |
| Da max - Max shoulder diameter OR | 65,5 mm |



| ABUTMENT                                   |      |
|--------------------------------------------|------|
| ra max - Max shaft & housing fillet radius | 1 mm |

