

## Technical data

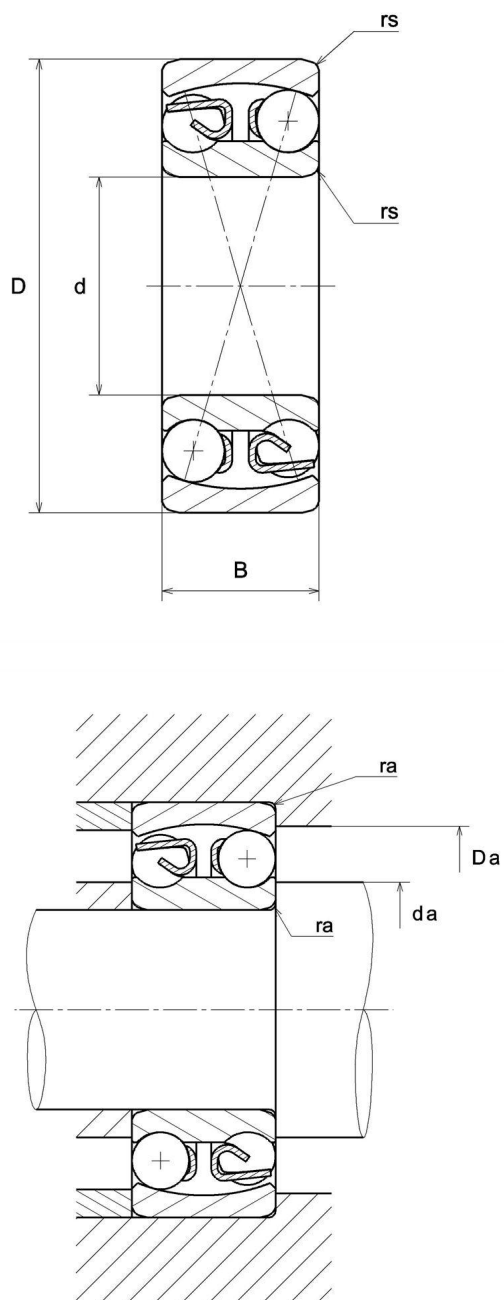
### 1204S

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

#### VISUAL (S)



## PRODUCT DEFINITION

|                                     |         |
|-------------------------------------|---------|
| <b>Brand</b>                        | NTN     |
| <b>d - Internal diameter</b>        | 20 mm   |
| <b>D - External diameter</b>        | 47 mm   |
| <b>B - Bearing/Inner ring width</b> | 14 mm   |
| <b>rs - Min fillet radius</b>       | 1 mm    |
| <b>Radial clearance class</b>       | CN      |
| <b>Precision class</b>              | P0      |
| <b>Mass</b>                         | 0,12 kg |

## PRODUCT PERFORMANCE

|                                               |              |
|-----------------------------------------------|--------------|
| <b>C - Dynamic load</b>                       | 10 kN        |
| <b>C0 - Static load</b>                       | 2,61 kN      |
| <b>Cu - Fatigue limit load</b>                | 0,11 kN      |
| <b>e - Coefficient</b>                        | 0.29         |
| <b>Y0 - Static axial load coefficient</b>     | 2.3          |
| <b>Y1 - Lower axial load coefficient</b>      | 2.2          |
| <b>Y2 - Upper axial load coefficient</b>      | 3.4          |
| <b>N lim - Oil lubrication limit speed</b>    | 17000 tr/min |
| <b>N lim - Grease lubrication limit speed</b> | 14000 tr/min |
| <b>Tmin - Min operating temperature</b>       | -20 °C       |
| <b>Tmax - Max operating temperature</b>       | 120 °C       |

## ABUTMENT

|                                          |       |
|------------------------------------------|-------|
| <b>da min - Min shoulder diameter IR</b> | 25 mm |
| <b>Da max - Max shoulder diameter OR</b> | 42 mm |



# 1204S

Double-row self-aligning ball bearings

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