# Technical datasheet

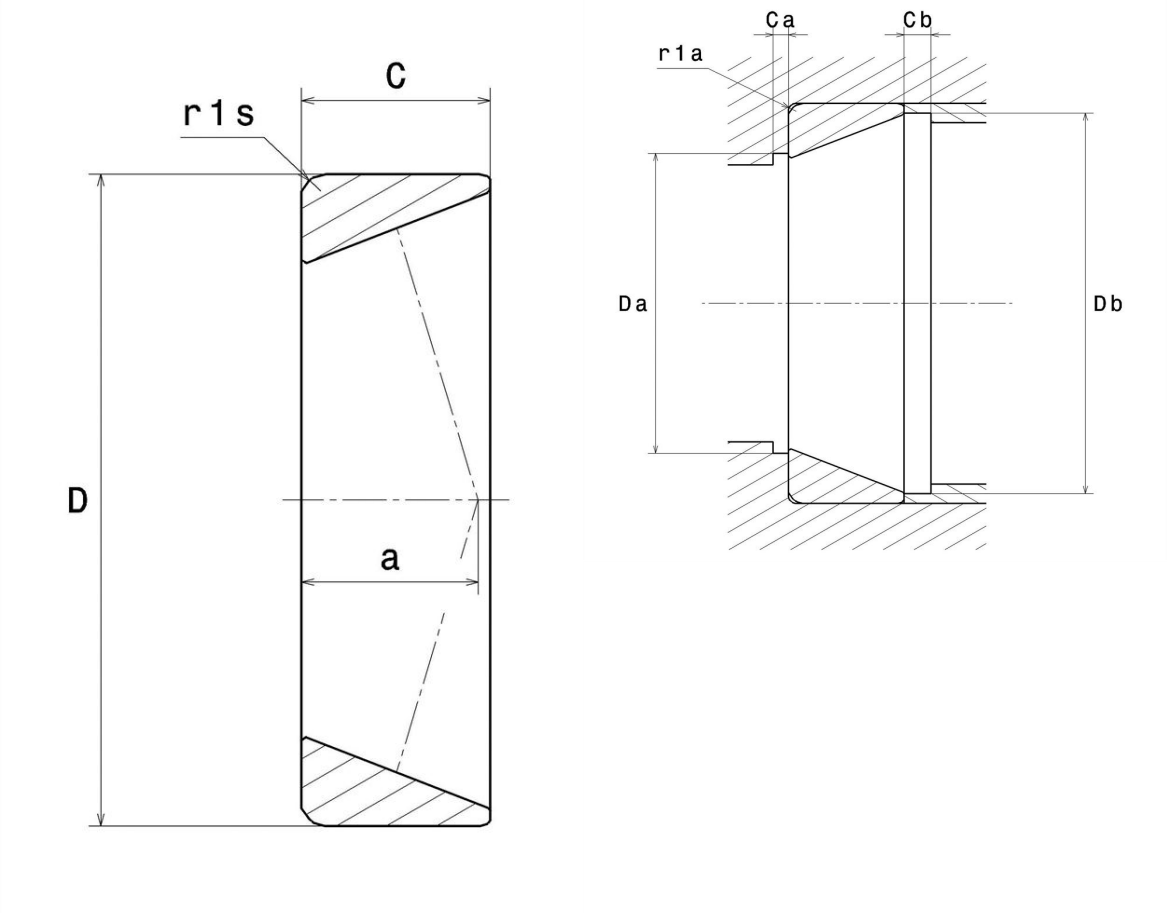
## 4T-JM205110PK

Single row tapered roller bearings

cup



## Visual(s)




## Product definition

| | |
|---|---|
| **D** | 90 mm |
| **C** | 23 mm |
| **Mass** | 0.24 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Min operating temperature, Tmin** | -40 °C |
| **Max operating temperature, Tmax** | 120 °C |

## Abutment dimensions

| | |
|---|---|
| **r1a max** | 2.5 mm |

## Calculation factors

### Equivalent dynamic radial load

$P = X.Fr + Y.Fa$

| Fa / Fr ≤ e | | Fa / Fr > e | |
|---|---|---|---|
| X | Y | X | Y |
| 1 | 0 | 0.4 | Y2 |

### Equivalent static radial load

$Po = Xo.Fr + Yo.Fa$

| $X_0$ | $Y_0$ |
|---|---|
| 0.5 | Y0 |

If Po <Fr, then use Po = Fr

The values for e, Y2 and Y0 are shown in the above table