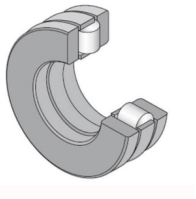
# Technical data

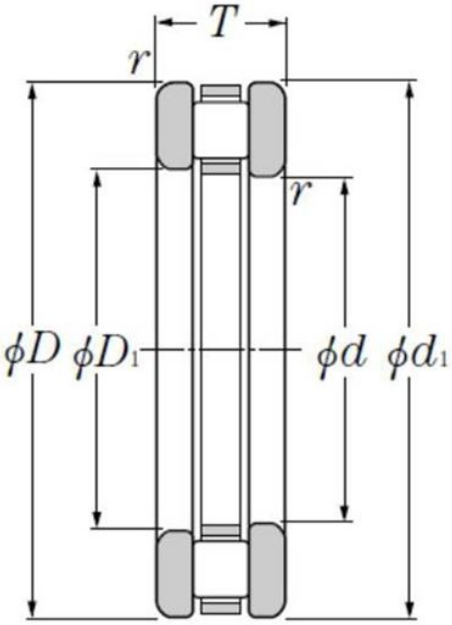
## 81106T2

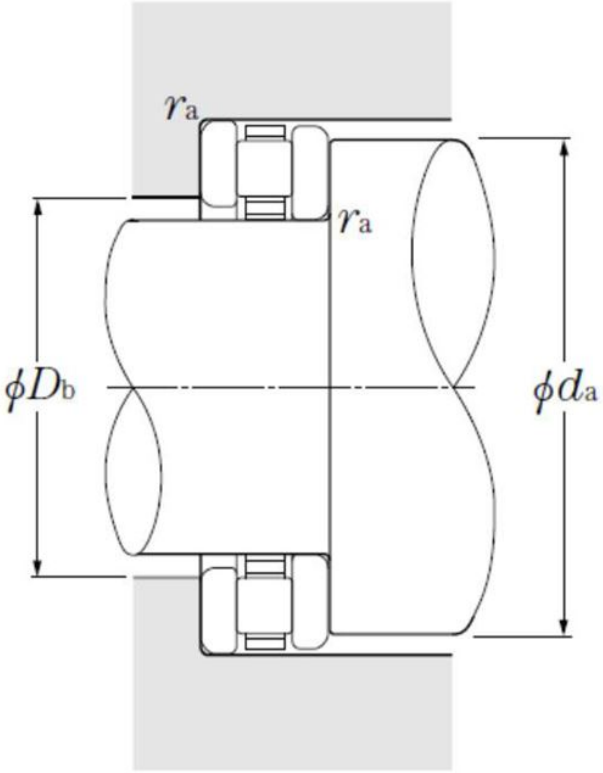
Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 811 series

## Visual(s)



## Product definition

| | |
|---|---|
| **d** | 30 mm |
| **D** | 47 mm |
| **d1** | 47 mm |
| **D1** | 32 mm |
| **T** | 11 mm |
| **Dc1** | 30 mm |
| **Dc** | 47 mm |
| **Dw** | 5 mm |
| **Lw** | 5 mm |
| **rs min** | 0.6 mm |
| **Cage assembly reference** | K81106T2 |
| **Bearing ring (inner ring) WS** | WS81106 |
| **Bearing ring (outer ring) GS** | GS81106 |
| **Ea** | 43.9 mm |
| **Eb** | 33.1 mm |
| **Mass** | 0.07 kg |
| **Cage assembly mass** | 0.02 kg |
| **Bearing ring (inner ring) WS mass** | 0.02 kg |
| **Bearing ring (outer ring) GS mass** | 0.02 kg |
| **Brand** | NTN |

## Product performance

| | |
|---|---|
| **Ca** | 27.8 kN |
| **C0a** | 72.5 kN |
| **Nlim (grease)** | 1,500 Tr/min |
| **Nlim (oil)** | 6,000 Tr/min |
| **Min operating temperature, Tmin** | -20 °C |
| **Max operating temperature, Tmax** | 120 °C |
| **Characteristic cage frequency, FTF** | 0.5 Hz |
| **Characteristic rolling element frequency, BSF** | 7.7 Hz |
| **Characteristic outer ring frequency, BPF0** | 7.5 Hz |
| **Characteristic inner ring frequency, BPFI** | 7.5 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 44 mm |
| **Db max** | 33 mm |
| **ras max** | 0.6 mm |