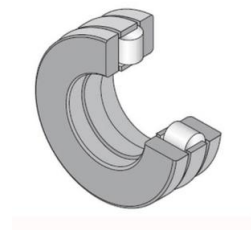


## Technical data

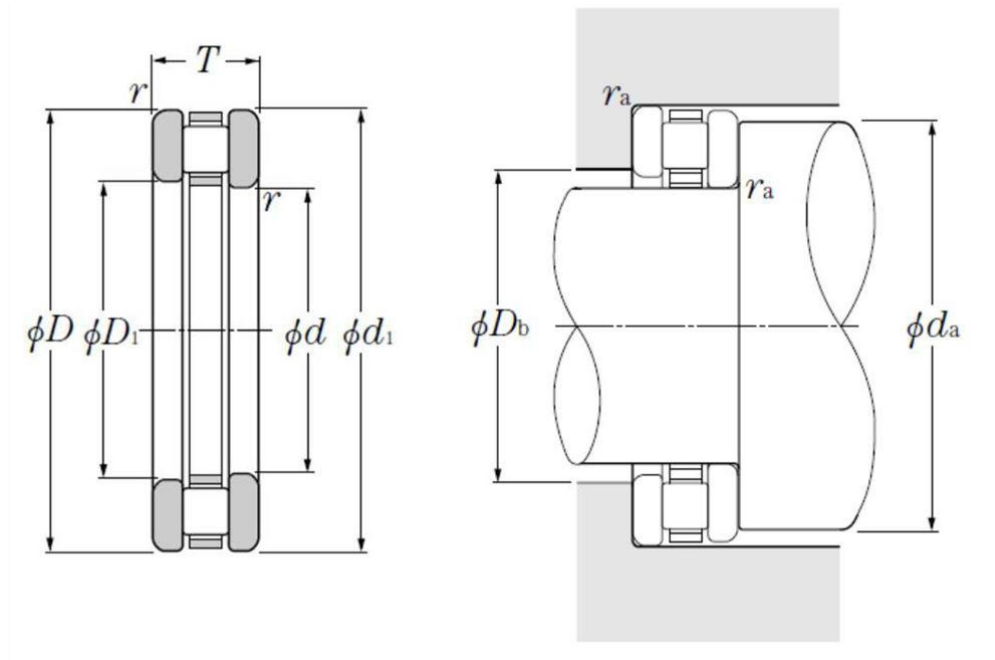
### 81210T2

Complete thrust bearing



Needle roller bearing, thrust cylindrical roller bearing, 812 series

#### VISUAL (S)



#### PRODUCT DEFINITION

|                                                  |       |
|--------------------------------------------------|-------|
| Brand                                            | NTN   |
| d - Bore diameter of support washer IR - WS      | 50 mm |
| D - Outside diameter of support washer OR - GS   | 78 mm |
| d1 - External diameter of support washer IR - WS | 78 mm |
| D1 - Bore diameter bearing washer OR - GS        | 52 mm |
| T - Thrust bearing height                        | 22 mm |
| Dw - Rolling element diameter                    | 9 mm  |
| Dc1 - Roller cage bore diameter                  | 50 mm |



**NTN Europe**

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S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072  
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

## PRODUCT DEFINITION

|                                              |          |
|----------------------------------------------|----------|
| <b>Dc - Roller cage outer diameter</b>       | 78 mm    |
| <b>rs - Min fillet radius</b>                | 1 mm     |
| <b>Cage assembly reference</b>               | K81210T2 |
| <b>Bearing ring (inner ring) WS</b>          | WS81210  |
| <b>Bearing ring (outer ring) GS</b>          | GS81210  |
| <b>Ea - Rollers reference outer diameter</b> | 73,1 mm  |
| <b>Eb - Rollers reference inner diameter</b> | 53,7 mm  |
| <b>Mass</b>                                  | 0,385 kg |
| <b>Cage assembly mass</b>                    | 0,105 kg |
| <b>Bearing ring (inner ring) WS mass</b>     | 0,14 kg  |
| <b>Bearing ring (outer ring) GS mass</b>     | 0,14 kg  |

## PRODUCT PERFORMANCE

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Ca - Dynamic axial load rating</b>         | 85 kN       |
| <b>C0a - Static axial load rating</b>         | 238 kN      |
| <b>Cua - Limit axial load rating</b>          | 29 kN       |
| <b>N lim - Grease lubrication limit speed</b> | 950 tr/min  |
| <b>N lim - Oil lubrication limit speed</b>    | 3800 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>               | 73 mm |
| <b>Db max - Max OR shoulder diameter</b>               | 54 mm |
| <b>ras max - Max shaft &amp; housing fillet radius</b> | 1 mm  |



# 81210T2

Complete thrust bearing

## ESHOPDONOTDISPLAY

|                                 |                            |
|---------------------------------|----------------------------|
| <b>Tracepart</b>                | Oui/Yes                    |
| <b>Reference</b>                | 81210T2                    |
| <b>Image</b>                    | NRB811_1.jpg, NRB811_3.jpg |
| <b>Rolling element material</b> | Acier 100Cr6               |



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