

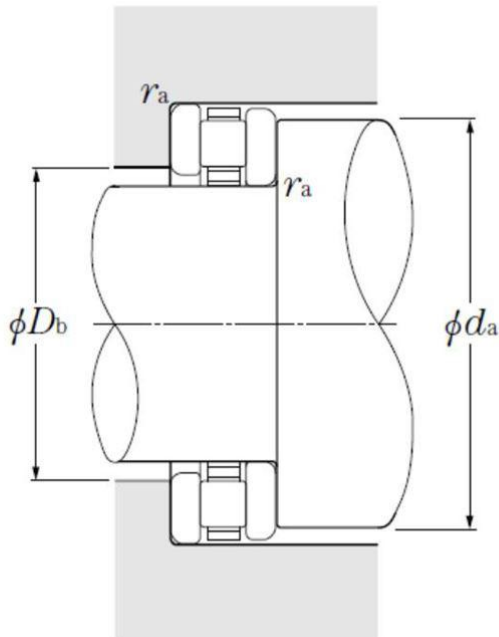
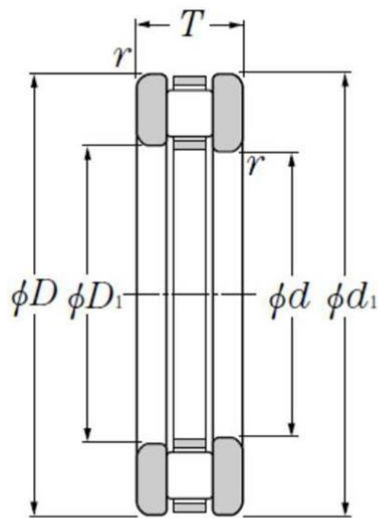
## Technical data

### 81215T2

Complete thrust bearing

Needle roller bearing, thrust cylindrical roller bearing, 812 series

#### VISUAL (S)



#### PRODUCT DEFINITION

|                                                         |        |
|---------------------------------------------------------|--------|
| <b>Brand</b>                                            | NTN    |
| <b>d - Bore diameter of support washer IR - WS</b>      | 75 mm  |
| <b>D - Outside diameter of support washer OR - GS</b>   | 110 mm |
| <b>d1 - External diameter of support washer IR - WS</b> | 110 mm |
| <b>D1 - Bore diameter bearing washer OR - GS</b>        | 77 mm  |
| <b>T - Thrust bearing height</b>                        | 27 mm  |
| <b>Dw - Rolling element diameter</b>                    | 11 mm  |
| <b>Dc1 - Roller cage bore diameter</b>                  | 75 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

|                                       |          |
|---------------------------------------|----------|
| Dc - Roller cage outer diameter       | 110 mm   |
| rs - Min fillet radius                | 1 mm     |
| Cage assembly reference               | K81215T2 |
| Bearing ring (inner ring) WS          | WS81215  |
| Bearing ring (outer ring) GS          | GS81215  |
| Ea - Rollers reference outer diameter | 103,7 mm |
| Eb - Rollers reference inner diameter | 80,1 mm  |
| Mass                                  | 0,86 kg  |
| Cage assembly mass                    | 0,24 kg  |
| Bearing ring (inner ring) WS mass     | 0,31 kg  |
| Bearing ring (outer ring) GS mass     | 0,31 kg  |

## PRODUCT PERFORMANCE

|                                        |             |
|----------------------------------------|-------------|
| Ca - Dynamic axial load rating         | 138 kN      |
| C0a - Static axial load rating         | 435 kN      |
| Cua - Limit axial load rating          | 53 kN       |
| N lim - Grease lubrication limit speed | 650 tr/min  |
| N lim - Oil lubrication limit speed    | 2600 tr/min |
| Tmin - Min operating temperature       | -20 °C      |
| Tmax - Max operating temperature       | 120 °C      |

## ABUTMENT

|                                             |        |
|---------------------------------------------|--------|
| da min - Min shoulder diameter IR           | 103 mm |
| Db max - Max OR shoulder diameter           | 81 mm  |
| ras max - Max shaft & housing fillet radius | 1 mm   |



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# 81215T2

Complete thrust bearing

## ESHOPDONOTDISPLAY

|                                 |                            |
|---------------------------------|----------------------------|
| <b>Tracepart</b>                | Oui/Yes                    |
| <b>Reference</b>                | 81215T2                    |
| <b>Image</b>                    | NRB811_1.jpg, NRB811_3.jpg |
| <b>Rolling element material</b> | Acier 100Cr6               |



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