



## Technical data

### NK85/25R+1R75X85X25

Needle roller bearing, machined-ring, with inner ring

Needle roller bearing, machined-rings, with inner ring, double-side ribs, lubrication hole

## VISUAL (S)



## PRODUCT DEFINITION

|                                               |         |
|-----------------------------------------------|---------|
| Brand                                         | NTN     |
| d - Internal diameter                         | 75 mm   |
| D - External diameter                         | 105 mm  |
| C - Width of bearing, drawn cup or outer ring | 25 mm   |
| F - Under roller diameter                     | 85 mm   |
| rs - Min fillet radius                        | 1 mm    |
| s - Max axial offset                          | 1 mm    |
| Lubrication hole on outer ring                | Oui/Yes |



### 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

# NK85/25R+1R75X85X25

Needle roller bearing, machined-ring, with inner ring

## PRODUCT DEFINITION

|                                       |            |
|---------------------------------------|------------|
| <b>k - Hole diameter</b>              | 3,5 mm     |
| <b>Inner ring reference</b>           | 1R75X85X25 |
| <b>Lubrication hole on inner ring</b> | Non/No     |
| <b>Radial clearance class</b>         | CN         |
| <b>Precision class</b>                | P0         |
| <b>Mass</b>                           | 0,642 kg   |

## PRODUCT PERFORMANCE

|                                               |             |
|-----------------------------------------------|-------------|
| <b>Cr - Dynamic load rating</b>               | 70,5 kN     |
| <b>C0r - Static load rating</b>               | 123 kN      |
| <b>N lim - Grease lubrication limit speed</b> | 3100 tr/min |
| <b>N lim - Oil lubrication limit speed</b>    | 4700 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>               | 80 mm  |
| <b>Da max - Max shoulder diameter OR</b>               | 100 mm |
| <b>ras max - Max shaft &amp; housing fillet radius</b> | 1 mm   |

## ESHOPDONOTDISPLAY

|                                 |                              |
|---------------------------------|------------------------------|
| <b>Tracepart</b>                | Oui/Yes                      |
| <b>Reference</b>                | NK85/25R+1R75X85X25          |
| <b>Image</b>                    | NRBNA59_1.jpg, NRBNA59_3.jpg |
| <b>Rolling element material</b> | Acier 100Cr6                 |



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