

## Technical data

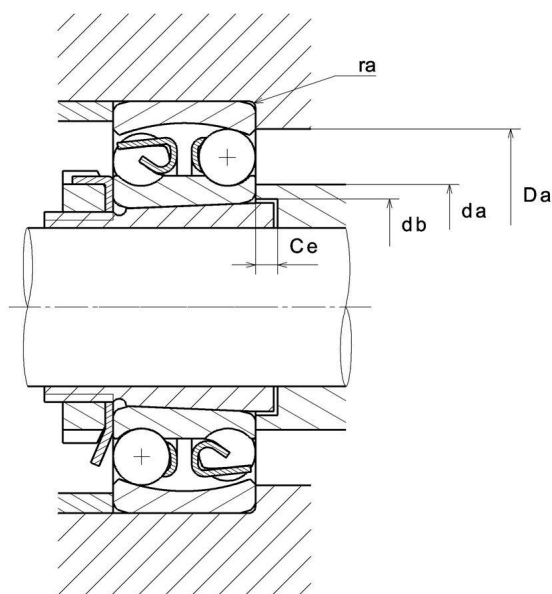
### 1315SKC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, tapered bore, open

#### VISUAL (S)



## PRODUCT DEFINITION

|                              |         |
|------------------------------|---------|
| Brand                        | NTN     |
| d - Internal diameter        | 75 mm   |
| D - External diameter        | 160 mm  |
| B - Bearing/Inner ring width | 37 mm   |
| rs - Min fillet radius       | 2,1 mm  |
| Associated sleeve reference  | H315X   |
| Radial clearance class       | C3      |
| Precision class              | P0      |
| Mass                         | 3,63 kg |

## PRODUCT PERFORMANCE

|                                        |             |
|----------------------------------------|-------------|
| C - Dynamic load                       | 80000000 mN |
| C0 - Static load                       | 30000000 mN |
| Cu - Fatigue limit load                | 720000 mN   |
| e - Coefficient                        | 0.22        |
| Y0 - Static axial load coefficient     | 2.9         |
| Y1 - Lower axial load coefficient      | 2.8         |
| Y2 - Upper axial load coefficient      | 4.4         |
| N lim - Oil lubrication limit speed    | 27000 °/s   |
| N lim - Grease lubrication limit speed | 22800 °/s   |
| Tmin - Min operating temperature       | 253,15 °K   |
| Tmax - Max operating temperature       | 393,15 °K   |

## ABUTMENT

|                                   |       |
|-----------------------------------|-------|
| da min - Min shoulder diameter IR | 86 mm |
|-----------------------------------|-------|



# 1315SKC3

Double-row self-aligning ball bearings

| ABUTMENT                                              |        |
|-------------------------------------------------------|--------|
| <b>da max - Max shoulder diameter IR</b>              | 97 mm  |
| <b>db - Min diameter for Sleeve</b>                   | 80 mm  |
| <b>Ce - Min length fro Sleeve</b>                     | 5 mm   |
| <b>Da max - Max shoulder diameter OR</b>              | 149 mm |
| <b>ra max - Max shaft &amp; housing fillet radius</b> | 2 mm   |



## NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00  
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