



## Technical data

### 5306S

Double row angular contact ball bearings

#### PRODUCT DEFINITION

|                                   |          |
|-----------------------------------|----------|
| Brand                             | NTN      |
| d - Internal diameter             | 30 mm    |
| D - External diameter             | 72 mm    |
| B - Bearing/Inner ring width      | 30,2 mm  |
| a - Charge load application point | 36,5 mm  |
| - Contact angle                   | 25 °     |
| rs - Min fillet radius            | 1,1 mm   |
| Radial clearance class            | CN       |
| Precision class                   | P0       |
| Mass                              | 0,549 kg |

#### PRODUCT PERFORMANCE

|                                        |             |
|----------------------------------------|-------------|
| C - Dynamic load                       | 40500000 mN |
| C0 - Static load                       | 28100000 mN |
| Cu - Fatigue limit load                | 1700000 mN  |
| N lim - Oil lubrication limit speed    | 51000 °/s   |
| N lim - Grease lubrication limit speed | 37800 °/s   |
| Tmin - Min operating temperature       | 233,15 °K   |
| Tmax - Max operating temperature       | 393,15 °K   |

#### ABUTMENT



#### 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

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| ABUTMENT                                   |       |
|--------------------------------------------|-------|
| da min - Min shoulder diameter IR          | 37 mm |
| da max - Max shoulder diameter IR          | 0 mm  |
| Da max - Max shoulder diameter OR          | 65 mm |
| ra max - Max shaft & housing fillet radius | 1 mm  |



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