

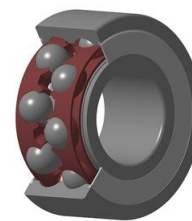


Brand of NTN corporation

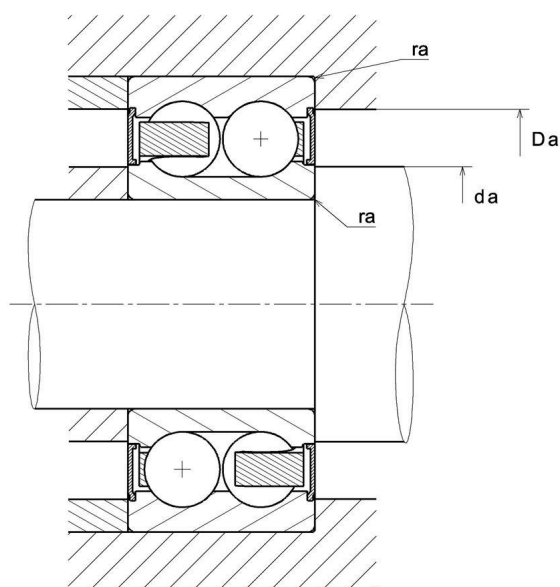
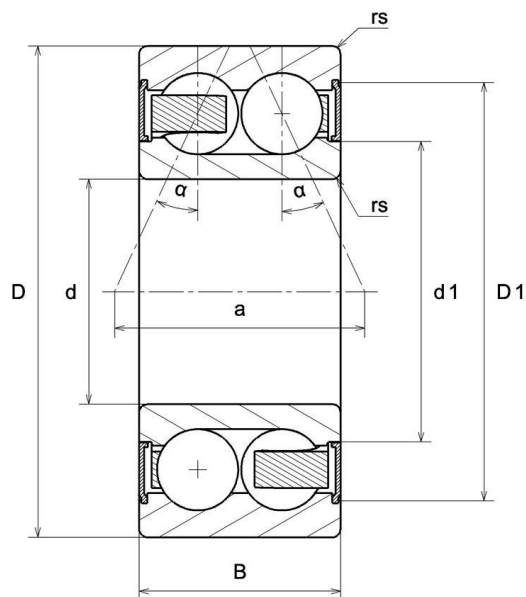
## Technical data

### 5206ZZG15

Double row angular contact ball bearings



#### VISUAL (S)



**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

## PRODUCT DEFINITION

|                                          |          |
|------------------------------------------|----------|
| <b>Brand</b>                             | SNR      |
| <b>d - Internal diameter</b>             | 30 mm    |
| <b>D - External diameter</b>             | 62 mm    |
| <b>B - Bearing/Inner ring width</b>      | 23,8 mm  |
| <b>d1 - External diameter inner ring</b> | 40 mm    |
| <b>D1 - Inner diameter outer ring</b>    | 55,7 mm  |
| <b>a - Charge load application point</b> | 31,4 mm  |
| <b>- Contact angle</b>                   | 25 °     |
| <b>rs - Min fillet radius</b>            | 1 mm     |
| <b>Radial clearance class</b>            | CN       |
| <b>Precision class</b>                   | P0       |
| <b>Mass</b>                              | 0,262 kg |

## PRODUCT PERFORMANCE

|                                         |             |
|-----------------------------------------|-------------|
| <b>C - Dynamic load</b>                 | 28100000 mN |
| <b>C0 - Static load</b>                 | 21100000 mN |
| <b>Cu - Fatigue limit load</b>          | 1320000 mN  |
| <b>f0 - Coefficient</b>                 | 14.3        |
| <b>N ref - Reference thermal speed</b>  | 51000 °/s   |
| <b>N lim - Mechanical Limit Speed</b>   | 51000 °/s   |
| <b>Tmin - Min operating temperature</b> | 253,15 °K   |
| <b>Tmax - Max operating temperature</b> | 393,15 °K   |

## BEARING FREQUENCIES

|                                                             |          |
|-------------------------------------------------------------|----------|
| <b>BPFO - Over rolling frequency on outer ring (60 rpm)</b> | 3.656 Hz |
|-------------------------------------------------------------|----------|



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## BEARING FREQUENCIES

|                                                                 |          |
|-----------------------------------------------------------------|----------|
| <b>BPFI - Over rolling frequency on inner (60 rpm)</b>          | 5.344 Hz |
| <b>BSF - Over rolling frequency on rolling element (60 rpm)</b> | 4.659 Hz |
| <b>BRF - Rotational frequency - rolling element (60 rpm)</b>    | 2.33 Hz  |
| <b>FTF - Rotational frequency - cage (60 rpm)</b>               | 0.406 Hz |

## ABUTMENT

|                                                       |       |
|-------------------------------------------------------|-------|
| <b>da min - Min shoulder diameter IR</b>              | 35 mm |
| <b>da max - Max shoulder diameter IR</b>              | 40 mm |
| <b>Da max - Max shoulder diameter OR</b>              | 57 mm |
| <b>ra max - Max shaft &amp; housing fillet radius</b> | 1 mm  |



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