



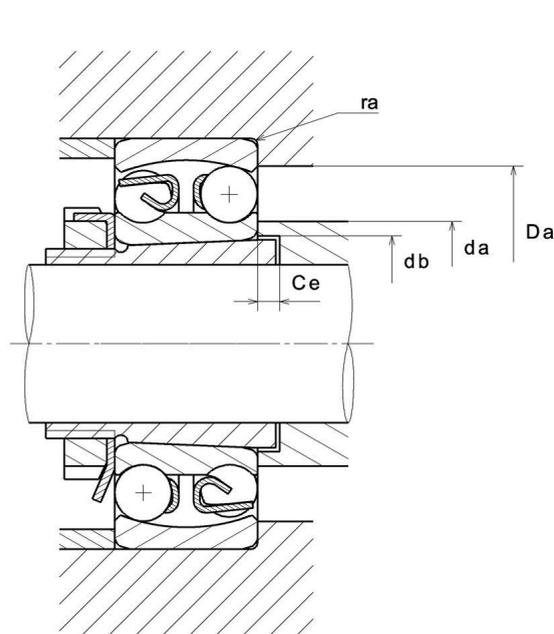
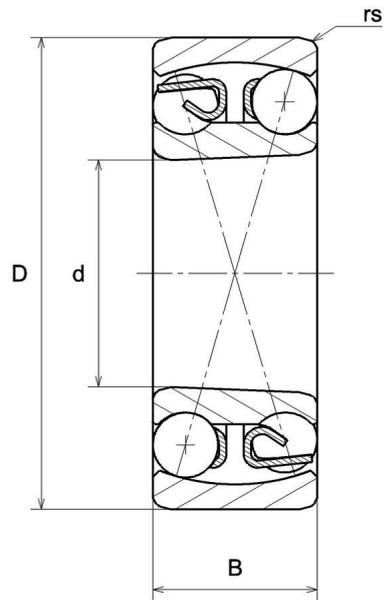
Technical data

1209SKC3

Double-row self-aligning ball bearings

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

VISUAL (S)



1209SKC3

Double-row self-aligning ball bearings

PRODUCT DEFINITION

| | |
|-------------------------------------|---------|
| Brand | NTN |
| d - Internal diameter | 45 mm |
| D - External diameter | 85 mm |
| B - Bearing/Inner ring width | 19 mm |
| rs - Min fillet radius | 1,1 mm |
| Associated sleeve reference | H209X |
| Radial clearance class | C3 |
| Precision class | P0 |
| Mass | 0,47 kg |

PRODUCT PERFORMANCE

| | |
|---|-------------|
| C - Dynamic load | 22000000 mN |
| C0 - Static load | 7350000 mN |
| Cu - Fatigue limit load | 290000 mN |
| e - Coefficient | 0.21 |
| Y0 - Static axial load coefficient | 3.1 |
| Y1 - Lower axial load coefficient | 3 |
| Y2 - Upper axial load coefficient | 4.7 |
| N lim - Oil lubrication limit speed | 51000 °/s |
| N lim - Grease lubrication limit speed | 42600 °/s |
| Tmin - Min operating temperature | 253,15 °K |
| Tmax - Max operating temperature | 393,15 °K |

ABUTMENT

| | |
|--|---------|
| da min - Min shoulder diameter IR | 51,5 mm |
|--|---------|



NTN Europe

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SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

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Double-row self-aligning ball bearings

| ABUTMENT | |
|---|---------|
| da max - Max shoulder diameter IR | 57 mm |
| db - Min diameter for Sleeve | 49 mm |
| Ce - Min length fro Sleeve | 5 mm |
| Da max - Max shoulder diameter OR | 78,5 mm |
| ra max - Max shaft & housing fillet radius | 1 mm |



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