

# ISB NB1.20.0260.201-1PPN thrust ball bearings

ISB NB1.20.0260.201-1PPN thrust ball bearings 75x45x16 Size (mm) 45 Outer Diameter (mm) Industries and Applications ? We sell discount online 75 Bore Diameter (mm) as well as cheap machinery parts.

|                               |          |
|-------------------------------|----------|
| Size (mm)                     | 75x45x16 |
| Bore Diameter (mm)            | 75       |
| Outer Diameter (mm)           | 45       |
| Width (mm)                    | 16       |
| d                             | 45 mm    |
| D                             | 75 mm    |
| B                             | 16 mm    |
| d1                            | 55.7 mm  |
| d2                            | 53.6 mm  |
| D1                            | 64.25 mm |
| r1,2 – min.                   | 1 mm     |
| r3,4 – min.                   | 0.6 mm   |
| a                             | 16.1 mm  |
| da – min.                     | 49.6 mm  |
| db – min.                     | 49.6 mm  |
| Da – max.                     | 70.4 mm  |
| Db – max.                     | 70.8 mm  |
| ra – max.                     | 1 mm     |
| rb – max.                     | 0.6 mm   |
| dn                            | 57.6 mm  |
| Basic dynamic load rating – C | 13 kN    |

|                                       |                     |
|---------------------------------------|---------------------|
| Basic static load rating – C0         | 8.5 kN              |
| Fatigue load limit – Pu               | 0.36 kN             |
| Limiting speed for grease lubrication | 27000 r/min         |
| Limiting speed for oil lubrication    | 41000 mm/min        |
| Ball – Dw                             | 7.144 mm            |
| Ball – z                              | 21                  |
| Gref                                  | 3.4 cm <sup>3</sup> |
| Calculation factor – f0               | 8.2                 |
| Preload class A – GA                  | 70 N                |
| Preload class B – GB                  | 210 N               |
| Preload class C – GC                  | 410 N               |
| Calculation factor – f                | 1                   |
| Calculation factor – f2A              | 1                   |
| Calculation factor – f2B              | 1.03                |
| Calculation factor – f2C              | 1.05                |
| Calculation factor – fHC              | 1                   |
| Preload class A                       | 38 N/micron         |
| Preload class B                       | 59 N/micron         |
| Preload class C                       | 79 N/micron         |
| Inventory                             | 0.0                 |
| Manufacturer Name                     | SKF                 |
| Minimum Buy Quantity                  | N/A                 |
| Weight / Kilogram                     | 0.254               |
| Product Group                         | B04270              |
| Enclosure                             | Open                |
| Precision Class                       | ABEC 7   ISO P4     |
| Material – Ball                       | Steel               |
| Number of Bearings                    | 1 (Single)          |

|                          |   |
|--------------------------|---|
| Contact Angle            | 15 Degree   |
| Preload                  | None  |
| Raceway Style            | 1 Rib Inner Ring and Outer Ring   |
| Cage Material            | Phenolic  |
| Rolling Element          | Ball Bearing  |
| Flush Ground             | No  |
| Inch – Metric            | Metric  |
| Other Features           | Single Row   Angular Contact   High Precision   |
| Long Description         | 45MM Bore; 75MM Outside Diameter; 16MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Ball |
| UNSPSC                   | 31171531  |
| Harmonized Tariff Code   | 8482.10.50.28   |
| Noun                     | Bearing   |
| Keyword String           | Angular Contact Ball  |
| Manufacturer Item Number | 7009 CE/P4A   |
| Weight / LBS             | 0.56  |
| Bore                     | 1.772 Inch   45 Millimeter  |
| Width                    | 0.63 Inch   16 Millimeter   |
| Outside Diameter         | 2.953 Inch   75 Millimeter  |
| r1,2 min.                | 1 mm  |
| r3,4 min.                | 0.6 mm  |
| da min.                  | 49.6 mm   |
| db min.                  | 49.6 mm   |
| Da max.                  | 70.4 mm   |

|  |                     |
|--|---------------------|
| Db max.                                  | 70.8 mm             |
| ra max.                                  | 1 mm                |
| rb max.                                  | 0.6 mm              |
| Basic dynamic load rating C              | 13 kN               |
| Basic static load rating C0              | 8.5 kN              |
| Fatigue load limit Pu                    | 0.36 kN             |
| Attainable speed for grease lubrication  | 27000 r/min         |
| Attainable speed for oil-air lubrication | 41000 r/min         |
| Ball diameter Dw                         | 7.144 mm            |
| Number of balls z                        | 21                  |
| Reference grease quantity Gref           | 3.4 cm <sup>3</sup> |
| Preload class A GA                       | 70 N                |
| Static axial stiffness, preload class A  | 38 N/μm             |
| Preload class B GB                       | 210 N               |
| Static axial stiffness, preload class B  | 59 N/μm             |
| Preload class C GC                       | 410 N               |
| Static axial stiffness, preload class C  | 79 N/μm             |
| Calculation factor f                     | 1.06                |
| Calculation factor f1                    | 1                   |
| Calculation factor f2A                   | 1                   |
| Calculation factor f2B                   | 1.03                |
| Calculation factor f2C                   | 1.05                |
| Calculation factor fHC                   | 1                   |
| Calculation factor f0                    | 8.2                 |
| Mass bearing                             | 0.24 kg             |