

# SKF 331300 tapered roller bearings

Online shopping SKF 331300 tapered roller bearings from a great selection at 120 Bore Diameter (mm) Store. ... Accessories. 120x180x72 Size (mm)

|                                       |            |
|---------------------------------------|------------|
| Size (mm)                             | 120x180x72 |
| Bore Diameter (mm)                    | 120        |
| Outer Diameter (mm)                   | 180        |
| Width (mm)                            | 72         |
| d                                     | 120 mm     |
| D                                     | 180 mm     |
| H                                     | 72 mm      |
| d1                                    | 155 mm     |
| 2C                                    | 36 mm      |
| r1,2 – min.                           | 2 mm       |
| r3,4 – min.                           | 1 mm       |
| da – min.                             | 142 mm     |
| Da – min.                             | 169.8 mm   |
| Da – max.                             | 171 mm     |
| ra – max.                             | 2 mm       |
| rb – max.                             | 1 mm       |
| Basic dynamic load rating – C         | 85.2 kN    |
| Basic static load rating – C0         | 280 kN     |
| Fatigue load limit – Pu               | 10.8 kN    |
| Limiting speed for grease lubrication | 4000 r/min |

|                                    |  |
|------------------------------------|--|
| Limiting speed for oil lubrication | 4800 mm/min  |
| Preload                            | 800 N  |
| Static Axial rigidity              | 979 N/micron   |
| Gref                               | 28.4 cm  |
| Inventory                          | 0.0  |
| Manufacturer Name                  | SKF  |
| Minimum Buy Quantity               | N/A  |
| Weight / Kilogram                  | 5.62   |
| EAN                                | 7316574830459  |
| Product Group                      | B00308   |
| Enclosure                          | Open   |
| Precision Class                    | ABEC 5   ISO P5  |
| Material – Ball                    | Steel  |
| Number of Bearings                 | 1 (Single)   |
| Contact Angle                      | 60 Degree  |
| Raceway Style                      | Not Applicable   |
| Cage Material                      | Polyamide  |
| Rolling Element                    | Ball Bearing   |
| Flush Ground                       | No   |
| Inch – Metric                      | Metric   |
| Other Features                     | Double Row   Angular Contact Thrust Bearing   Double Direction                                       |
| Long Description                   | 120MM Bore; 180MM Outside Diameter; 72MM Width; Open Enclosure; ABEC 5   ISO P5 Precision; Steel Bal |
| UNSPSC                             | 31171531   |
| Harmonized Tariff Code             | 8482.10.50.28  |

|  |                             |
|--|-----------------------------|
| Noun                                     | Bearing                     |
| Keyword 3                                | Thrust                      |
| Keyword String                           | Ball Angular Contact Thrust |
| Manufacturer Item Number                 | BTW 120 CTN9/SP             |
| Weight / LBS                             | 11.13333                    |
| Width                                    | 2.835 Inch   72 Millimeter  |
| Bore                                     | 4.724 Inch   120 Millimeter |
| Outside Diameter                         | 7.087 Inch   180 Millimeter |
| r1,2 min.                                | 2 mm                        |
| r3,4 min.                                | 1 mm                        |
| da min.                                  | 142 mm                      |
| Da min.                                  | 169.8 mm                    |
| Da max.                                  | 171 mm                      |
| ra max.                                  | 2 mm                        |
| rb max.                                  | 1 mm                        |
| Basic dynamic load rating C              | 85.2 kN                     |
| Basic static load rating C0              | 280 kN                      |
| Fatigue load limit Pu                    | 10.8 kN                     |
| Attainable speed for grease lubrication  | 4000 r/min                  |
| Attainable speed for oil-air lubrication | 4800 r/min                  |
| Static axial stiffness                   | 979 N/ $\mu$ m              |
| Reference grease quantity Gref           | 28.4 cm <sup>3</sup>        |
| Mass bearing                             | 5.05 kg                     |