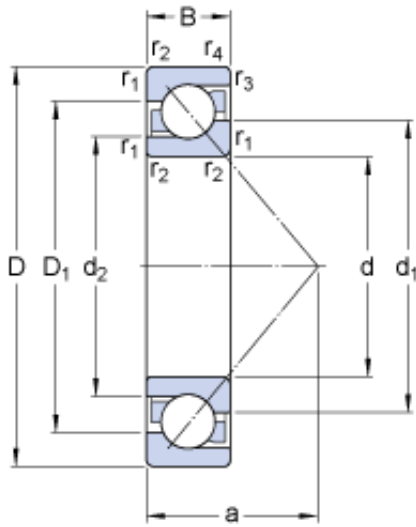




## Sean-NTN Driveshaft CORP.



7334 BCBM Bearing 2D drawings and 3D CAD models

170 mm x 360 mm x 72 mm SKF 7334 BCBM  
JAPAN Bearing 170\*360\*72

Bearing No. 7334 BCBM

|   |               |
|---|---------------|
| Size                                      | 360x170x72 mm |
| Bore Diameter                             | 360 mm        |
| Outer Diameter                            | 170 mm        |
| Width                                     | 72 mm         |
| d   | 170 mm        |
| D   | 360 mm        |
| B   | 72 mm         |
| d <sub>1</sub>                            | 243.8 mm      |
| d <sub>2</sub>                            | 207.85 mm     |
| D <sub>1</sub>                            | 291.5 mm      |
| a   | 147 mm        |
| r <sub>1,2</sub> - min.                   | 4 mm          |
| r <sub>3,4</sub> - min.                   | 2 mm          |
| d <sub>a</sub> - min.                     | 187 mm        |
| D <sub>a</sub> - max.                     | 343 mm        |
| D <sub>b</sub> - max.                     | 351 mm        |
| r <sub>a</sub> - max.                     | 3 mm          |
| r <sub>b</sub> - max.                     | 2 mm          |
| Basic dynamic load rating - C             | 390 kN        |
| Basic static load rating - C <sub>0</sub> | 490 kN        |
| Fatigue load limit - P <sub>u</sub>       | 12.7 kN       |
| Reference speed                           | 2000 r/min    |
| Limiting speed                            | 2200 r/min    |
| Calculation factor - k <sub>r</sub>       | 0.09          |



## Sean-NTN Driveshaft CORP.

|                                 |                               |
|---------------------------------|-------------------------------|
| Calculation factor - $k_a$      | 1.4                           |
| Calculation factor - e          | 1.14                          |
| Calculation factor - X          | 0.57                          |
| Calculation factor - $Y_0$      | 0.52                          |
| Calculation factor - $Y_1$      | 0.55                          |
| Calculation factor - $Y_2$      | 0.93                          |
| Calculation factor - X          | 0.35                          |
| Calculation factor - $Y_0$      | 0.26                          |
| Calculation factor - $Y_1$      |                               |
| Calculation factor - $Y_2$      | 0.57                          |
| Category                        | Angular Contact Ball Bearings |
| Inventory                       | 0.0                           |
| Manufacturer Name               | SKF                           |
| Minimum Buy Quantity            | N/A                           |
| Weight / Kilogram               | 38.235                        |
| EAN                             | 7316576651168                 |
| Product Group                   | B00308                        |
| Enclosure                       | Open                          |
| Flush Ground                    | Yes                           |
| Rolling Element                 | Ball Bearing                  |
| Number of Rows of Balls         | Single Row                    |
| Precision Class                 | ABEC 3   ISO P6               |
| Maximum Capacity / Filling Slot | No                            |
| Snap Ring                       | No                            |
| Cage Material                   | Brass                         |
| Contact Angle                   | 40 Degree                     |
| Internal Clearance              | CB                            |
| Number of Bearings              | 1 (Single)                    |
| Mounting Arrangement            | Universal                     |
| Inch - Metric                   | Metric                        |



## Sean-NTN Driveshaft CORP.

|                              |   |
|------------------------------|---|
| Long Description             | 170MM Bore; 360MM Outside Diameter; 72MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring |
| Other Features               | Normal Axial Internal Clearance   |
| Category                     | Angular Contact Ball Bearing  |
| UNSPSC                       | 31171531  |
| Harmonized Tariff Code       | 8482.10.50.28   |
| Noun                         | Bearing   |
| Keyword String               | Angular Contact   |
| Manufacturer URL             | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Manufacturer Item Number     | 7334 BCBM   |
| Weight / LBS                 | 76.28   |
| Bore                         | 6.693 Inch   170 Millimeter   |
| Outside Diameter             | 14.173 Inch   360 Millimeter  |
| Width                        | 2.835 Inch   72 Millimeter  |
| bore diameter:               | 170 mm  |
| radial static load capacity: | 490 kN  |
| outside diameter:            | 360 mm  |
| cage material:               | Brass   |
| overall width:               | 72 mm   |
| outer ring width:            | 72 mm   |
| contact angle:               | 40 °  |
| maximum rpm:                 | 2200 RPM  |
| row type & fill slot:        | Single-Row Non-Fill Slot  |
| finish/coating:              | Uncoated  |
| internal clearance:          | C0  |
| precision rating:            | ABEC 3 (ISO Class 6)  |
| closure type:                | Open  |
| fillet radius:               | 3 mm  |



## Sean-NTN Driveshaft CORP.

|                                |           |
|--------------------------------|-----------|
| radial dynamic load capacity:  | 390 kN    |
| series:                        | 73        |
| $d_1$                          | 243.8 mm  |
| $d_2$                          | 207.85 mm |
| $D_1$                          | 291.5 mm  |
| $r_{1,2}$ min.                 | 4 mm      |
| $r_{3,4}$ min.                 | 2 mm      |
| $d_a$ min.                     | 187 mm    |
| $D_a$ max.                     | 343 mm    |
| $D_b$ max.                     | 351 mm    |
| $r_a$ max.                     | 3 mm      |
| $r_b$ max.                     | 2 mm      |
| Basic dynamic load rating C    | 390 kN    |
| Basic static load rating $C_0$ | 490 kN    |
| Fatigue load limit $P_u$       | 12.7 kN   |
| Calculation factor A           | 4.32      |
| Calculation factor $k_r$       | 0.09      |
| Calculation factor e           | 1.14      |
| Calculation factor X           | 0.35      |
| Calculation factor $Y_0$       | 0.26      |
| Calculation factor $Y_2$       | 0.57      |
| Calculation factor X           | 0.57      |
| Calculation factor $Y_0$       | 0.52      |
| Calculation factor $Y_1$       | 0.55      |
| Calculation factor $Y_2$       | 0.93      |
| Mass bearing                   | 36 kg     |