



# NTN Machinery Manufacturing Co., Ltd

90 mm x 140 mm x 22,5 mm NSK 90BAR10S  
angular contact ball bearings



Bearing No. 90BAR10S

|                               |                |
|-------------------------------|----------------|
| Size                          | 90x140x22.5 mm |
| Bore Diameter                 | 90 mm          |
| Outer Diameter                | 140 mm         |
| Width                         | 22,5 mm        |
| d                             | 90 mm          |
| D                             | 140 mm         |
| B                             | 22,5 mm        |
| C                             | 22,5 mm        |
| Angle ( ° )                   | 30 °           |
| a                             | 44,4 mm        |
| r min.                        | 1,5 mm         |
| r1 min.                       | 1 mm           |
| 2B                            | 45 mm          |
| Weight                        | 1,198 Kg       |
| Basic dynamic load rating (C) | 42,5 kN        |
| Basic static load rating (C0) | 92,5 kN        |
| (Grease) Lubrication Speed    | 6 600 r/min    |
| (Oil) Lubrication Speed       | 8 300 r/min    |

90BAR10S Bearing 2D drawings and 3D CAD models