

# 16018 NACHI da (min) 99 mm 90x140x16mm Deep groove ball bearings

|                               |                  |
|-------------------------------|------------------|
| Bearing number                | 16018            |
| Size (mm)                     | 90x140x16        |
| Brand                         | NACHI            |
| Bore Diameter (mm)            | 90               |
| Outer Diameter (mm)           | 140              |
| Width (mm)                    | 16               |
| d                             | 90 mm            |
| D                             | 140 mm           |
| B                             | 16 mm            |
| C                             | 16 mm            |
| r min.                        | 1 mm             |
| da min.                       | 99 mm            |
| Da max.                       | 131 mm           |
| ra max.                       | 1.0 mm           |
| Weight                        | 0.848 Kg         |
| Basic dynamic load rating (C) | 41.5 kN          |
| Basic static load rating (C0) | 39.5 kN          |
| (Grease) Lubrication Speed    | 4800 r/min       |
| Enclosure                     | Open             |
| Bore Type                     | Cylindrical Bore |
| Configuration                 | Single Row       |
| Bore Size                     | 90 mm            |
| Outside Diameter              | 140 mm           |
| Width                         | 16 mm            |

|                         |                   |
|-------------------------|-------------------|
| Fillet Radius/Chamfer   | 1 mm              |
| Dynamic Load Rating     | 41.500 N          |
| Static Load Rating      | 39.500 N          |
| Limiting Speed – Grease | 4.800 rpm         |
| Limiting Speed – Oil    | 5.600 rpm         |
| Factor $f_0$            | 16.3              |
| Radial Clearance        | 0.012 to 0.036 mm |
| $d_a$ (min)             | 99 mm             |
| $D_a$ (max)             | 131 mm            |
| $r_a$ (max)             | 1 mm              |