



## NTN BEARING CORPORATION OF AMERICA

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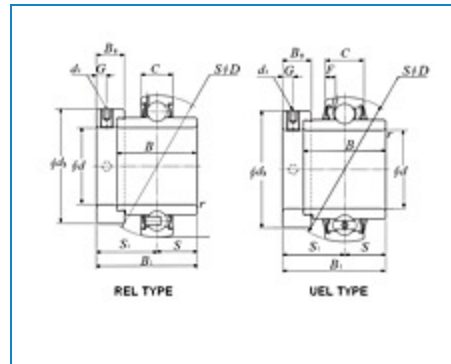
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# Item # UEL206-103D1, Bearing Insert w/ Eccentric Locking Collar, Wide Inner Ring - Spherical O.D.



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### Ordering Options

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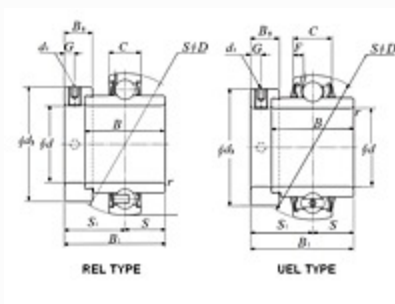
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## Technical Specifications

Type

Insert Bearing

|                             |                                 |
|-----------------------------|---------------------------------|
| Bore Type                   | Round                           |
| Bearing Type                | Ball Bearing                    |
| Material                    | Through Hardened Steel          |
| Ball Material               | Steel                           |
| Limiting Speed - Grease     | 4900 RPM                        |
| Seal Type                   | Contact                         |
| Seal Material               | Nitrile Rubber                  |
| Performance                 | Standard Duty                   |
| Configuration               | One                             |
| Locking Device              | Eccentric Locking Collar        |
| Locking Device Part Number  | EL206-103                       |
| Lubrication                 | Relubricatable                  |
| Collar Number               | C-103#BCA                       |
| Basic Outer Ring            | 206                             |
| Radial Internal Clearance   | CN                              |
| Static Load Rating          | 2540 lbf<br>11300 N<br>11.30 kN |
| Dynamic Load Rating         | 4384 lbf<br>19500 N<br>19.50 kN |
| Enclosure                   | Double Sealed                   |
| Weight                      | 0.926 lb<br>0.420 kg            |
| Operating Temperature Range | -40 to 250 °F<br>-40 to 120 °C  |



Bearing Insert w/ Eccentric Locking Collar, Wide Inner Ring - Spherical O.D. - Dimensions

|           |                        |
|-----------|------------------------|
| <b>d</b>  | 1-3/16 in<br>30.163 mm |
| <b>D</b>  | 2.4409 in<br>62.000 mm |
| <b>C</b>  | 0.7480 in<br>19.000 mm |
| <b>B</b>  | 1.4370 in<br>36.500 mm |
| <b>B1</b> | 1.9055 in<br>48.400 mm |
| <b>r</b>  | 0.0394 in<br>1.000 mm  |
| <b>ds</b> | 5/16-24 UNF            |
| <b>G</b>  | 0.2362 in<br>6.000 mm  |
| <b>d3</b> | 1.7520 in<br>44.500 mm |
| <b>B5</b> | 0.6260 in<br>15.900 mm |
| <b>S1</b> | 1.1850 in<br>30.100 mm |
| <b>S</b>  | 0.7205 in<br>18.300 mm |
| <b>F</b>  | 0.1811 in<br>4.600 mm  |

