


**NTN BEARING CORPORATION OF AMERICA**

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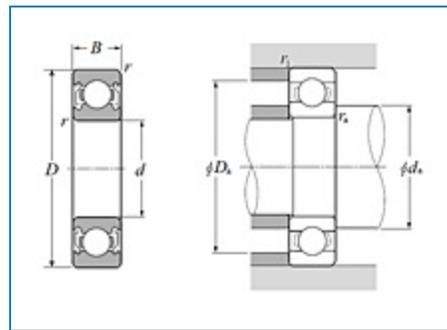
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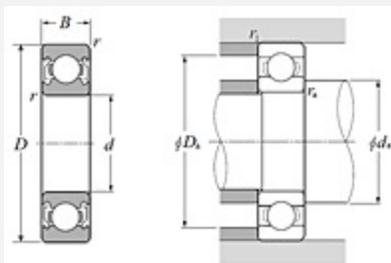
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**Item # 6800ZZ, Single Row Radial Ball Bearing - Double Shielded**

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**Technical Specifications**
**Type**

Deep Groove Ball Bearing

|                                    |                                |
|------------------------------------|--------------------------------|
| <b>Bore Type</b>                   | Round                          |
| <b>Material</b>                    | High Carbon Chrome Steel       |
| <b>Cage Type</b>                   | Pressed                        |
| <b>Cage Material</b>               | Steel                          |
| <b>Ball Material</b>               | Steel                          |
| <b>Limiting Speed - Grease</b>     | 32000 RPM                      |
| <b>Precision</b>                   | ISO Class 0                    |
| <b>Configuration</b>               | One                            |
| <b>Factor</b>                      | 14.8                           |
| <b>Radial Internal Clearance</b>   | CN                             |
| <b>Static Load Rating</b>          | 208 lbf<br>925 N<br>0.93 kN    |
| <b>Dynamic Load Rating</b>         | 450 lbf<br>2030 N<br>2.03 kN   |
| <b>Enclosure</b>                   | Double Shielded                |
| <b>Weight</b>                      | 0.011 lb<br>0.005 kg           |
| <b>Operating Temperature Range</b> | -40 to 250 °F<br>-40 to 120 °C |

## Dimensional Specifications



Single Row Radial Ball Bearing - Double Shielded - Dimensions

|                |                        |
|----------------|------------------------|
| <b>d</b>       | 0.3937 in<br>10.000 mm |
| <b>D</b>       | 0.7480 in<br>19.000 mm |
| <b>B</b>       | 0.1969 in<br>5.000 mm  |
| <b>r</b>       | 0.0118 in<br>0.300 mm  |
| <b>da min</b>  | 0.4724 in<br>12.000 mm |
| <b>da max</b>  | 0.4921 in<br>12.500 mm |
| <b>Da max</b>  | 0.6693 in<br>17.000 mm |
| <b>ras max</b> | 0.0118 in<br>0.300 mm  |