


NTN BEARING CORPORATION OF AMERICA

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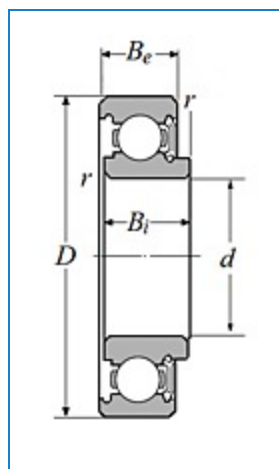
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Item # 8503, Single Row Radial Ball Bearing - Single Sealed (Contact Rubber Seal), 8000 Series



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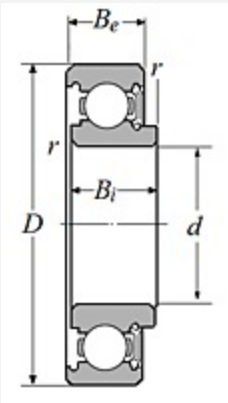
Technical Specifications

Type

Deep Groove Ball Bearing

Bore Type	Round
Material	High Carbon Chrome Steel
Cage Type	Pressed
Cage Material	Steel
Ball Material	Steel
Limiting Speed - Grease	12000 RPM
Seal Type	Contact
Seal Material	Nitrile Rubber
Configuration	One
Radial Internal Clearance	CN
Precision	ISO Class 0
Static Load Rating	1030 lbf 53500 N 53.50 kN
Dynamic Load Rating	2160 lbf 9600 N 9.60 kN
Enclosure	Single Sealed
Operating Temperature Range	-40 to 250 °F -40 to 120 °C

Dimensional Specifications



Single Row Radial Ball Bearing - Single Sealed (Contact Rubber Seal), 8000 Series - Dimensions

d	0.6693 in 17.000 mm
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D	1.5748 in 40.000 mm
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Be	0.4724 in 12.000 mm
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Bi	0.5380 in 13.665 mm
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Total Width	0.5625 in 14.288 mm
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r	0.0236 in 0.600 mm
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