


NTN BEARING CORPORATION OF AMERICA

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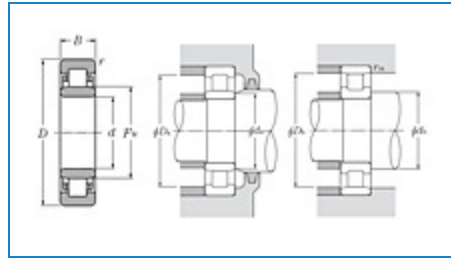
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Item # NU316, Cylindrical Roller Bearing - Separable, Plain Inner Ring, Outer Ring w/ Two Ribs - NU Type


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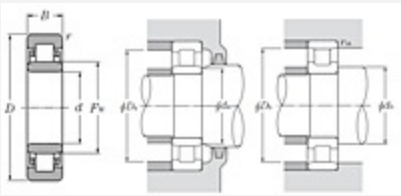
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Technical Specifications

Type	Cylindrical Roller Bearing
Bore Type	Round
Material	Hardened Alloy Steel
Cage Material	Pressed Steel

Limiting Speed - Oil	4800 RPM
Limiting Speed - Grease	4100 RPM
Precision	ISO Class 0
Configuration	One
Tolerance	ISO Class 0 (RBEC 1)
Oil Hole	w/o Oil Hole
Radial Internal Clearance	CN
Static Load Rating	46500 lbf 207000 N 207.00 kN
Dynamic Load Rating	42500 lbf 190000 N 190.00 kN
Enclosure	Open
Weight	8.554 lb 3.880 kg
Operating Temperature Range	-40 to 250 °F -40 to 120 °C

Dimensional Specifications



Cylindrical Roller Bearing - Separable, Plain Inner Ring, Outer Ring w/ Two Ribs - NU Type -
Dimensions

d	3.1496 in 80.000 mm
D	6.6929 in 170.000 mm

B	1.5354 in 39.000 mm
Fw	4.0551 in 103.000 mm
r	0.0787 in 2.000 mm
da min	3.5827 in 91.000 mm
db min	4.1339 in 105.000 mm
Da max	6.2598 in 159.000 mm
Db max	6.2598 in 159.000 mm
r1as max	0.0787 in 2.000 mm