



N315 Bearing 2D drawings and 3D CAD models

2.953 Inch | 75 Millimeter x 6.299 Inch | 160
Millimeter x 1.457 Inch | 37 Millimeter NACHI
N315 Cylindrical Roller Bearings

Bearing No. N315

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight	3.151
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	75MM Bore; Straight Bore Profile; 160MM Outside Diameter; 37MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row;



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	Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.nachi.com
Manufacturer Item Number	N315
Weight / LBS	6.94
d	2.953 Inch 75 Millimeter
D	6.299 Inch 160 Millimeter
B	1.457 Inch 37 Millimeter
Enclosure	Open
Bore Type	Cylindrical Bore
Configuration	Single Row
Weight	3.150 kg
Bore Size	75 mm
Outside Ring Inside Diameter	139.5 mm
Fillet Radius/Chamfer	2.1 mm
r1	2.1 mm
Dynamic Load Rating	190,000 N
Static Load Rating	205,000 N
Limiting Speed - Grease	3,800 rpm
Limiting Speed - Oil	4,800 rpm
Radial Clearance	0.040 to 0.075 mm
da (min)	87 mm
db (min)	87 mm
db (max)	93 mm
dc (min)	97 mm
Da (max)	148 mm



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Db (min)	148 mm
Db (max)	143 mm
ra (max)	2 mm
ra1 (max)	2 mm