



# NACHI BEARINGS TRAINING INDUSTRY



85 mm x 180 mm x 41 mm NTN N317  
cylindrical roller bearings

Bearing No. N317

N317 Bearing 2D drawings and 3D CAD models

Size	85x156x41 mm
Bore Diameter	85 mm
Outer Diameter	156 mm
Width	41 mm
d	85 mm
D	180 mm
Ew	156 mm
B	41 mm
C	41 mm
r min.	3 mm
r1 min.	3 mm
J	117,5 mm
Weight	4,44 Kg
Basic dynamic load rating (C)	212 kN
Basic static load rating (C0)	228 kN
(Grease) Lubrication Speed	3 900 r/min
E	156 mm
F	108 mm
d1	117.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	4.66 kg
Dynamic load, C	212 kN
Static load, C0	228 kN



## NACHI BEARINGS TRAINING INDUSTRY

Fatigue limit load, Cu	25.6 kN
Nlim (oil)	4,600 rpm
Nlim (grease)	3,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	98 mm
Da max	167 mm
Db min	158 mm
Dc max	154 mm
ra max	2.5 mm
r1a max	2.5 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.5
EAN	4547359151862
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



## NACHI BEARINGS TRAINING INDUSTRY

Other Features	2 Rib Inner Ring   Plain Outer Ring   Cage On Inner Ring OD
Long Description	85MM Bore; Straight Bore Profile; 180MM Outside Diameter; 41MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	N317
Weight / LBS	9.901
Outside Diameter	7.087 Inch   180 Millimeter
Width	1.614 Inch   41 Millimeter
Bore	3.346 Inch   85 Millimeter
bore diameter:	85 mm
precision rating:	ISO Class 0
outside diameter:	180 mm
maximum rpm:	4600 rpm
overall width:	41 mm
bearing material:	Hardened Alloy Steel
flanges:	(2) Inner Ring
cage material:	Pressed Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	CN



## NACHI BEARINGS TRAINING INDUSTRY

outer ring width:	41 mm
ring separation:	Separable Outer Ring
fillet radius:	2.5 mm
operating temperature range:	-40 to 120 ° C
series:	N
dynamic load capacity:	212000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	228000 N