



### Bearing No. N203

C	12,000 mm
d	17,000 mm
D	40,000 mm
B	12,000 mm
E	33.9 mm
F	22.9 mm
Bore	0.669 Inch   17 Millimeter
Noun	Bearing
Width	0.472 Inch   12 Millimeter
ra max	0.6 mm
Da max	36 mm
da max	24 mm
UNSPSC	31171547
rs min	0.6 mm
da min	21 mm
Profile	Complete with Outer and Inner Ring
series:	N
r1a max	0.3 mm
r1s min	0.3 mm
Category	Cylindrical Roller Bearing
flanges:	(2) Inner Ring
Retainer	Yes
Separable	Outer Ring - Both Sides
Inventory	0.0
Snap Ring	No
Size (mm)	17x40x12
Width (mm)	12,000

Nlim (oil)	20,000 rpm
Bore Profile	Straight
Cage Material	Steel
Nlim (grease)	17,000 rpm
Product Group	B04144
Inch - Metric	Metric
Other Features	2 Rib Inner Ring   Plain Outer Ring   Cage On Inner Ring OD
Relubricatable	Yes
Bearing number	N203
Precision Class	RBEC 1   ISO P0
Dynamic load, C	11.8 kN
Rolling Element	Cylindrical Roller Bearing
Static load, C0	9.55 kN
Outside Diameter	1.575 Inch   40 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	17MM Bore; Straight Bore Profile; 40MM Outside Diameter; 12MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Weight / Kilogram	0.067
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	17,000
Outer Diameter (mm)	40,000
Minimum Buy Quantity	N/A

Mass (without HJ ring)	0.07 kg
Radial clearance class	CN
Harmonized Tariff Code	8482.50.00.00
Number of Rows of Rollers	Single Row
Min operating temperature, T <sub>min</sub>	-40 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	4.03 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	5.97 Hz
Characteristic rolling element frequency, BSF	4.97 Hz