

# 16017 NTN internal clearance: CN 85x130x14mm Deep groove ball bearings

rs min	0.6 mm
Radial clearance class	CN
Mass	0.63 kg
Dynamic load, C	25.9 kN
Static load, C0	26.2 kN
Fatigue limit load, Cu	1.15 kN
f0	16.4
Nlim (oil)	5.900 rpm
Nlim (grease)	5.000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12.23 Hz
Characteristic outer ring frequency, BPF0	9.65 Hz
Characteristic inner ring frequency, BRFI	11.35 Hz
da min	89 mm
Da max	126 mm
ra max	0.6 mm
Category	Single Row Ball Bearings

BDI Inventory	2.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.66
EAN	4547359515787
Product Group – BDI	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch – Metric	Metric
Long Description	85MM Bore; 130MM Outside Diameter; 14MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category – BDI	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	16017
Weight / LBS	1.452

Outside Diameter	5.118 Inch   130 Millimeter
Outer Race Width	0.551 Inch   14 Millimeter
Bore	3.346 Inch   85 Millimeter
Bearing number	16017
Size (mm)	85x130x14
Brand	NTN
Bore Diameter (mm)	85
Outer Diameter (mm)	130
Width (mm)	14
d	85 mm
D	130 mm
B	14 mm
C	14 mm
r min.	0.6 mm
da min.	89 mm
Da max.	126 mm
ra max.	0.6 mm
Weight	0.626 Kg
Basic dynamic load rating (C)	25.9 kN
Basic static load rating (C0)	26.2 kN
(Grease) Lubrication Speed	5 000 r/min
(Oil) Lubrication Speed	5 900 r/min
bore diameter:	85 mm
precision rating:	Class 0
outside diameter:	130 mm
finish/coating:	Uncoated
overall width:	14 mm

bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	14 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	14 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	5000 rpm
internal clearance:	CN
maximum rpm (oil):	5900 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	0.6 mm
dynamic load capacity:	25900 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	26200 N