



Bearing No. 16017

D	130 mm
d	85 mm
B	14 mm
C	14 mm
f0	16.4
Mass	0.63 kg
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Weight	0,626 Kg
UNSPSC	31171504
rs min	0.6 mm
da min	89 mm
Da max	126 mm
ra max	0.6 mm
r min.	0,6 mm
Da max.	126 mm
ra max.	0,6 mm
da min.	89 mm
Category	Single Row Ball Bearing
Inventory	2.0
Snap Ring	No
Size (mm)	85x130x14
Enclosure	Open
Width (mm)	14
bore type:	Round
Nlim (oil)	5,900 rpm
Weight / LBS	1.452
closure type:	Open
Inch - Metric	Metric

Cage Material	Steel
Nlim (grease)	5,000 rpm
Product Group	B00308
bore diameter:	85 mm
cage material:	Steel
overall width:	14 mm
Keyword String	Ball
fillet radius:	0.6 mm
Bearing number	16017
Static load, C0	26.2 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Dynamic load, C	25.9 kN
Outer Race Width	0.551 Inch 14 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Manufacturer URL	http://www.ntnamerica.com
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
outer ring width:	14 mm
inner ring width:	14 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	130 mm
precision rating:	Class 0
Manufacturer Name	NTN
Weight / Kilogram	0.66

Bore Diameter (mm)	85
maximum rpm (oil):	5900 rpm
Internal Clearance	C0-Medium
internal clearance:	CN
snap ring included:	Without Snap Ring
Outer Diameter (mm)	130
Minimum Buy Quantity	N/A
static load capacity:	26200 N
maximum rpm (grease):	5000 rpm
row type & fill slot:	Single Row Non-Fill Slot
Fatigue limit load, Cu	1.15 kN
dynamic load capacity:	25900 N
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	5 900 r/min
Manufacturer Item Number	16017
Internal Special Features	No
(Grease) Lubrication Speed	5 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	25,9 kN
Basic static load rating (C0)	26,2 kN
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Characteristic cage frequency, FTF	0.46 Hz
Characteristic outer ring frequency, BPF0	9.65 Hz
Characteristic inner ring frequency, BPF1	11.35 Hz
Characteristic rolling element frequency, BSF	12.23 Hz