



16017 Bearing 2D drawings and 3D CAD models

85 mm x 130 mm x 14 mm NTN 16017 deep groove ball bearings

Bearing No. 16017

Size	85x130x14 mm
Bore Diameter	85 mm
Outer Diameter	130 mm
Width	14 mm
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
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



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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
Inventory	2.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.66
Product Group	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;



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	Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
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
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



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fillet radius:	0.6 mm
dynamic load capacity:	25900 N
manufacturer product page:	Click here
static load capacity:	26200 N