



Bearing No. 6010LB

D	80,000 mm
d	50,000 mm
B	16,000 mm
C	16,000 mm
f0	15.5
Mass	0.26 kg
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
ra max	1 mm
UNSPSC	31171504
rs min	1 mm
da min	55 mm
da max	57.5 mm
Da max	75 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	1 Seal
Size (mm)	50x80x16
Width (mm)	16,000
Nlim (oil)	9,800 rpm
Weight / LBS	0.575
Cage Material	Steel
Nlim (grease)	8,400 rpm
Product Group	B00308
Inch - Metric	Metric
Enclosure Type	Non-Contact Seal
Keyword String	Ball
Bearing number	6010LB

Precision Class	ABEC 1 ISO P0
Dynamic load, C	21.8 kN
Rolling Element	Ball Bearing
Static load, C0	16.6 kN
Outside Diameter	3.15 Inch 80 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	50MM Bore; 80MM Outside Diameter; 16MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	NTN
Weight / Kilogram	0.26
Bore Diameter (mm)	50,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	80,000
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.75 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Manufacturer Item Number	6010LB
Internal Special Features	No
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Maximum Capacity / Filling Slot	No
Characteristic cage	0.43 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	6.06 Hz
Characteristic inner ring frequency, BPF1	7.94 Hz
Characteristic rolling element frequency, BSF	7.31 Hz