



NTN Bearing Rolamentos do Brasil Ltda.

50 mm x 80 mm x 16 mm NTN
6010LLBC3/L627 Single row deep groove ball
bearings

Bearing No. 6010LLBC3/L627

d	50 mm
D	80 mm
B	16 mm
rs min	1 mm
Radial clearance class	C3
Mass	0.26 kg
Dynamic load, C	21.8 kN
Static load, C0	16.6 kN
Fatigue limit load, Cu	0.75 kN
f0	15.5
Nlim (grease)	8,400 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.31 Hz
Characteristic outer ring frequency, BPF0	6.06 Hz
Characteristic inner ring frequency, BPF1	7.94 Hz
da min	55 mm
da max	57.5 mm
Da max	75 mm

6010LLBC3/L627 Bearing 2D drawings and 3D CAD
models



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ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
EAN	0692314681015
Weight / US pound	0.578
Product Group	B00308
Enclosure	2 Seals
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
Enclosure Type	Non-Contact Seal
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	50MM Bore; 80MM Outside Diameter; 16MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C3-Loose Internal Clearance; Steel Cage; N
Other Features	Deep Groove Non-Friction Nitrile Rubber Seal Prelubricated
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball



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Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	0.58202
Bore	1.969 Inch 50 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter