



**Bearing No. 6816LLU**

C	10 mm
d	80 mm
D	100 mm
B	10 mm
Bore	3.15 Inch   80 Millimeter
Noun	Bearing
Weight	0,154 Kg
r min.	0,6 mm
da max	85 mm
UNSPSC	31171504
da min.	84 mm
Da max.	96 mm
ra max.	0,6 mm
Category	Single Row Ball Bearing
Size (mm)	80x100x10
Snap Ring	No
Inventory	0.0
Enclosure	2 Seals
Width (mm)	10
bore type:	Round
Weight / LBS	0.331
Inch - Metric	Metric
closure type:	Double Sealed
Product Group	B00308
Cage Material	Steel
bore diameter:	80 mm
Keyword String	Ball
overall width:	10 mm
cage material:	Steel
fillet radius:	0.6 mm

Other Features	Deep Groove   Double Lip Friction Nitrile Rubber Seal   -20 To 120 Deg C
Bearing number	6816LLU
Enclosure Type	Contact Seal
Reference speed	3 400 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Outside Diameter	3.937 Inch   100 Millimeter
Long Description	80MM Bore; 100MM Outside Diameter; 10MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Inner Race Width	0 Inch   0 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Outer Race Width	0.394 Inch   10 Millimeter
Manufacturer Name	NTN
outside diameter:	100 mm
Weight / Kilogram	0.15
precision rating:	ISO Class 0
inner ring width:	10 mm
outer ring width:	10 mm
bearing material:	High Carbon Chrome Steel
Bore Diameter (mm)	80
Internal Clearance	C0-Medium

snap ring included:	Without Snap Ring
Outer Diameter (mm)	100
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	13300 N
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	3400 rpm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	12700 N
Manufacturer Item Number	6816LLU
Internal Special Features	No
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	13,3 kN
Basic dynamic load rating (C)	12,7 kN
Maximum Capacity / Filling Slot	No