



Bearing No. 6303LU

D	47,000 mm
d	17,000 mm
B	14,000 mm
C	14,000 mm
f0	12.2
Mass	0.12 kg
Noun	Bearing
Bore	0.669 Inch 17 Millimeter
ra max	1 mm
UNSPSC	31171504
Da max	42 mm
da max	25 mm
da min	22 mm
rs min	1 mm
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Seal
Size (mm)	17x47x14
Snap Ring	No
bore type:	Round
Width (mm)	14,000
Weight / LBS	0.254
Cage Material	Steel
Nlim (grease)	11,000 rpm
Inch - Metric	Metric
closure type:	Single Seal
Product Group	B00308
Keyword String	Ball
bore diameter:	17 mm

overall width:	14 mm
Enclosure Type	Contact Seal
cage material:	Steel
fillet radius:	1 mm
Bearing number	6303LU
Precision Class	ABEC 1 ISO P0
Static load, C0	6.55 kN
finish/coating:	Uncoated
Dynamic load, C	13.5 kN
Rolling Element	Ball Bearing
Outer Race Width	0.551 Inch 14 Millimeter
Long Description	17MM Bore; 47MM Outside Diameter; 14MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	1.85 Inch 47 Millimeter
inner ring width:	14 mm
Manufacturer Name	NTN
Weight / Kilogram	0.12
outer ring width:	14 mm
bearing material:	High Carbon Chrome Steel
precision rating:	ISO Class 0
outside diameter:	47 mm
Internal Clearance	C3-Loose
Bore Diameter (mm)	17,000
snap ring included:	Without Snap Ring
Outer Diameter (mm)	47,000

internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	6550 N
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	11000 rpm
Radial clearance class	CN
dynamic load capacity:	13500 N
Fatigue limit load, Cu	0.3 kN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6303LU
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Characteristic cage frequency, FTF	0.36 Hz
Characteristic outer ring frequency, BPF0	2.54 Hz
Characteristic inner ring frequency, BPF1	4.46 Hz
Characteristic rolling element frequency, BSF	3.39 Hz