



Bearing No. 6305LU

C	17,000 mm
d	25,000 mm
D	62,000 mm
B	17,000 mm
f0	12.6
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
Mass	0.23 kg
ra max	1 mm
Da max	55.5 mm
rs min	1.1 mm
da min	31.5 mm
da max	35 mm
UNSPSC	31171504
series:	63
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	25x62x17
Inventory	0.0
Enclosure	1 Seal
bore type:	Round
Width (mm)	17,000
Weight / LBS	0.52
maximum rpm:	1400 RPM
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	8,100 rpm
closure type:	Single Seal

Keyword String	Ball
overall width:	17 mm
Other Features	Deep Groove Double Lip Friction Nitrile Rubber Seal -20 To 120 Deg C
cage material:	Steel
fillet radius:	1.1 mm
Enclosure Type	Contact Seal
bore diameter:	25 mm
Bearing number	6305LU
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	21.2 kN
Static load, C0	10.9 kN
finish/coating:	Uncoated
Outer Race Width	0.669 Inch 17 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; C
Outside Diameter	2.441 Inch 62 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
outer ring width:	17 mm
inner ring width:	17 mm
bearing material:	High Carbon Chrome

	Steel
outside diameter:	62 mm
precision rating:	ISO Class 0
Manufacturer Name	NTN
Weight / Kilogram	0.223
Internal Clearance	C0-Medium
Bore Diameter (mm)	25,000
internal clearance:	CN
Outer Diameter (mm)	62,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	8100 rpm
static load capacity:	10900 N
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	21200 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	0.5 kN
Radial clearance class	CN
Manufacturer Item Number	6305LU
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	0.37 Hz
Characteristic inner ring	4.39 Hz

frequency, BPF1	
Characteristic outer ring frequency, BPF0	2.61 Hz
Characteristic rolling element frequency, BSF	3.66 Hz