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6305lu Bearing 2D drawings and 3D CAD models

NTN 6305lu Bearing

Bearing No. 6305lu

Size	25x62x17 mm
Bore Diameter	25,000 mm
Outer Diameter	62,000 mm
Width	17,000 mm
d	25,000 mm
D	62,000 mm
B	17,000 mm
C	17,000 mm
rs min	1.1 mm
Radial clearance class	CN
Mass	0.23 kg
Dynamic load, C	21.2 kN
Static load, C0	10.9 kN
Fatigue limit load, Cu	0.5 kN
f0	12.6
Nlim (grease)	8,100 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic rolling element frequency, BSF	3.66 Hz
Characteristic outer ring frequency, BPF0	2.61 Hz
Characteristic inner ring frequency, BPGI	4.39 Hz



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da min	31.5 mm
da max	35 mm
Da max	55.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.223
EAN	4547359386325
Product Group	B00308
Enclosure	1 Seal
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	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Other Features	Deep Groove Double Lip Friction Nitrile Rubber Seal -20 To 120 Deg C
Category	Single Row Ball Bearing
UNSPSC	31171504



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Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6305LU
Weight / LBS	0.52
Outer Race Width	0.669 Inch 17 Millimeter
Bore	0.984 Inch 25 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	25 mm
precision rating:	ISO Class 0
outside diameter:	62 mm
finish/coating:	Uncoated
overall width:	17 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Seal
inner ring width:	17 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	17 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	8100 rpm
internal clearance:	CN
fillet radius:	1.1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	1400 RPM
dynamic load capacity:	21200 N
series:	63
static load capacity:	10900 N



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manufacturer product page:

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