



BROWNING BEARING COMPANY



6303lu Bearing 2D drawings and 3D CAD models

17,000 mm x 47,000 mm x 14,000 mm ntn
6303lu bearing

Bearing No. 6303lu

Size	17x47x14 mm
Bore Diameter	17,000 mm
Outer Diameter	47,000 mm
Width	14,000 mm
d	17,000 mm
D	47,000 mm
B	14,000 mm
C	14,000 mm
rs min	1 mm
Radial clearance class	CN
Mass	0.12 kg
Dynamic load, C	13.5 kN
Static load, C0	6.55 kN
Fatigue limit load, Cu	0.3 kN
f0	12.2
Nlim (grease)	11,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.36 Hz
Characteristic rolling element frequency, BSF	3.39 Hz
Characteristic outer ring frequency, BPF0	2.54 Hz
Characteristic inner ring	4.46 Hz



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frequency, BPFI	
da min	22 mm
da max	25 mm
Da max	42 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.12
EAN	4547359573428
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	C3-Loose
Inch - Metric	Metric
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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



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Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6303LU
Weight / LBS	0.254
Outside Diameter	1.85 Inch 47 Millimeter
Outer Race Width	0.551 Inch 14 Millimeter
Bore	0.669 Inch 17 Millimeter
bore diameter:	17 mm
static load capacity:	6550 N
outside diameter:	47 mm
precision rating:	ISO Class 0
overall width:	14 mm
finish/coating:	Uncoated
bore type:	Round
bearing material:	High Carbon Chrome Steel
closure type:	Single Seal
cage material:	Steel
row type & fill slot:	Single Row Non-Fill Slot
inner ring width:	14 mm
snap ring included:	Without Snap Ring
outer ring width:	14 mm
internal clearance:	CN
maximum rpm (grease):	11000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1 mm
dynamic load capacity:	13500 N
manufacturer product page:	Click here