



NTN BEARING ENGLAND LTD

NTN 6207 Bearing



Bearing No. 6207

6207 Bearing 2D drawings and 3D CAD models

Size	35x72x17 mm
Bore Diameter	35 mm
Outer Diameter	72 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
rs min	1.1 mm
Radial clearance class	CN
Mass	0.29 kg
Dynamic load, C	25.7 kN
Static load, C0	15.3 kN
Fatigue limit load, Cu	0.7 kN
f0	13.8
Nlim (oil)	11,000 rpm
Nlim (grease)	9,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.61 Hz
Characteristic outer ring frequency, BPF0	3.56 Hz
Characteristic inner ring frequency, BPGI	5.44 Hz



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da min	41.5 mm
Da max	65.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.282
EAN	4547359004670
Product Group	B00308
Enclosure	Open
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
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	35MM Bore; 72MM Outside Diameter; 17MM Outer Race Diameter; Open; 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
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6207U



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Weight / LBS	0.623
Bore	1.378 Inch 35 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Outside Diameter	2.835 Inch 72 Millimeter
bore diameter:	35 mm
finish/coating:	Uncoated
outside diameter:	72 mm
bearing material:	High Carbon Chrome Steel
overall width:	17 mm
cage material:	Steel
bore type:	Round
inner ring width:	17 mm
closure type:	Open
outer ring width:	17 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	9800 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	11000 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	11000 RPM
dynamic load capacity:	25700 N
series:	62
static load capacity:	15300 N
manufacturer product page:	Click here
precision rating:	Class 0