



NTN BEARING 6307



Bearing No. 6307

6307 Bearing 2D drawings and 3D CAD models

Size	35x80x21 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
C	21 mm
r min.	1,5 mm
da min.	43 mm
da max	47 mm
Da max.	72 mm
ra max.	1,5 mm
Weight	0,457 Kg
Basic dynamic load rating (C)	33,5 kN
Basic static load rating (C0)	19,1 kN
(Grease) Lubrication Speed	8 800 r/min
(Oil) Lubrication Speed	10 000 r/min
rs min	1.5 mm
Radial clearance class	CN
Mass	0.46 kg
Dynamic load, C	33.5 kN
Static load, C0	19.1 kN
Fatigue limit load, Cu	0.87 kN
f0	13.1
Nlim (oil)	10,000 rpm



Zhongjia Bearing Co. LTD

Nlim (grease)	8,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.03 Hz
Characteristic outer ring frequency, BPF0	3.06 Hz
Characteristic inner ring frequency, BRF1	4.94 Hz
da min	43 mm
Da max	72 mm
ra max	1.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.456
EAN	4547359005516
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; 80MM



Zhongjia Bearing Co. LTD

	Outside Diameter; 21MM 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	6307
Weight / LBS	1.008
Outer Race Width	0.827 Inch 21 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Bore	1.378 Inch 35 Millimeter
bore diameter:	35 mm
finish/coating:	Uncoated
outside diameter:	80 mm
bearing material:	High Carbon Chrome Steel
overall width:	21 mm
cage material:	Steel
bore type:	Round
inner ring width:	21 mm
closure type:	Open
outer ring width:	21 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	8800 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	10000 rpm
internal clearance:	CN
fillet radius:	1.5 mm



Zhongjia Bearing Co. LTD

operating temperature range:	-40 to 120 ° C
maximum rpm:	10000 RPM
dynamic load capacity:	33500 N
series:	63
static load capacity:	19100 N
manufacturer product page:	Click here
precision rating:	Class 0