



BEARING PRECISION AXLE CORP.



6019Z Bearing 2D drawings and 3D CAD models

95,000 mm x 145,000 mm x 24,000 mm NTN
6019Z deep groove ball bearings

Bearing No. 6019Z

Size	95x145x24 mm
Bore Diameter	95,000 mm
Outer Diameter	145,000 mm
Width	24,000 mm
d	95,000 mm
D	145,000 mm
B	24,000 mm
C	24,000 mm
rs min	1.5 mm
Radial clearance class	CN
Mass	1.08 kg
Dynamic load, C	60.5 kN
Static load, C0	54 kN
Fatigue limit load, Cu	2.24 kN
f0	15.8
Nlim (oil)	5,300 rpm
Nlim (grease)	4,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.83 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz



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Characteristic inner ring frequency, BPF1	8.44 Hz
da min	103 mm
Da max	137 mm
ra max	1.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.21
EAN	4547359336498
Product Group	B00308
Enclosure	1 Metal Shield
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	C3-Loose
Inch - Metric	Metric
Long Description	95MM Bore; 145MM Outside Diameter; 24MM Outer Race Diameter; 1 Metal Shield; 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.co



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Manufacturer Item Number	6019Z
Weight / LBS	2.67
Outside Diameter	5.709 Inch 145 Millimeter
Outer Race Width	0.945 Inch 24 Millimeter
Bore	3.74 Inch 95 Millimeter
bore diameter:	95 mm
finish/coating:	Uncoated
outside diameter:	145 mm
bearing material:	High Carbon Chrome Steel
overall width:	24 mm
cage material:	Steel
bore type:	Round
inner ring width:	24 mm
closure type:	Single Shield
outer ring width:	24 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4500 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	5300 rpm
internal clearance:	CN
fillet radius:	1.5 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	5300 RPM
dynamic load capacity:	60500 N
series:	60
static load capacity:	54000 N
manufacturer product page:	Click here
precision rating:	ISO Class 0