



## NUP BEARING LTD

65 mm x 100 mm x 18 mm NTN 6013Z Single row deep groove ball bearings

Bearing No. 6013Z

d	65 mm
D	100 mm
B	18 mm
rs min	1.1 mm
Radial clearance class	CN
Mass	0.42 kg
Dynamic load, C	30.5 kN
Static load, C0	25.2 kN
Fatigue limit load, Cu	1.15 kN
f0	15.8
Nlim (oil)	7,700 rpm
Nlim (grease)	6,500 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	7.87 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz
Characteristic inner ring frequency, BPF1	8.44 Hz
da min	71.5 mm
Da max	93.5 mm
ra max	1 mm

6013Z Bearing 2D drawings and 3D CAD models



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Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.44
EAN	4547359334029
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	C0-Medium
Inch - Metric	Metric
Long Description	65MM Bore; 100MM Outside Diameter; 18MM 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	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6013Z
Weight / LBS	0.959
Bore	2.559 Inch   65 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter



## NUP BEARING LTD

Outer Race Width	0.709 Inch   18 Millimeter
bore diameter:	65 mm
precision rating:	ISO Class 0
outside diameter:	100 mm
finish/coating:	Uncoated
overall width:	18 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	18 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	18 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	6500 rpm
internal clearance:	CN
maximum rpm (oil):	7700 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1.1 mm
dynamic load capacity:	30500 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	25200 N