



Bearing No. 6016Z

D	125,000 mm
d	80,000 mm
B	22,000 mm
C	22,000 mm
f0	15.6
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
Mass	0.85 kg
rs min	1.1 mm
da min	86.5 mm
UNSPSC	31171504
ra max	1 mm
Da max	118.5 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Inventory	0.0
Snap Ring	No
Size (mm)	80x125x22
Nlim (oil)	6,200 rpm
bore type:	Round
Width (mm)	22,000
Weight / LBS	1.91802
Inch - Metric	Metric
Cage Material	Steel
Nlim (grease)	5,300 rpm
Product Group	B00308
closure type:	Single Shield
cage material:	Steel
Other Features	Deep Groove
Keyword String	Ball

bore diameter:	80 mm
Bearing number	6016Z
overall width:	22 mm
fillet radius:	1.1 mm
Rolling Element	Ball Bearing
Dynamic load, C	47.5 kN
finish/coating:	Uncoated
Static load, C0	40 kN
Precision Class	ABEC 1 ISO P0
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.866 Inch 22 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	80MM Bore; 125MM Outside Diameter; 22MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Outside Diameter	4.921 Inch 125 Millimeter
precision rating:	ISO Class 0
outer ring width:	22 mm
outside diameter:	125 mm
inner ring width:	22 mm
Manufacturer Name	NTN
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.832
Bore Diameter (mm)	80,000
maximum rpm (oil):	6200 rpm

Internal Clearance	C0-Medium
internal clearance:	CN
Outer Diameter (mm)	125,000
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	5300 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	40000 N
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	1.8 kN
Radial clearance class	CN
dynamic load capacity:	47500 N
Manufacturer Item Number	6016Z
Internal Special Features	No
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPFI	7.92 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic rolling element frequency, BSF	7.46 Hz