



Bearing No. 6306ZNR

C	19,000 mm
d	30,000 mm
f	1.7 mm
B	19,000 mm
D	72,000 mm
f0	13.3
Mass	0.36 kg
Bore	1.181 Inch 30 Millimeter
Noun	Bearing
b max	2.2 mm
a min	3.07 mm
a max	3.28 mm
b min	1.9 mm
da min	36.5 mm
Da max	65.5 mm
ra max	1 mm
D4 max	78.6 mm
UNSPSC	31171504
r0 max	0.6 mm
D3 max	68.81 mm
Ca max	4.98 mm
Ca min	4.67 mm
Db min	80 mm
rs min	1.1 mm
rNs min	0.5 mm
rNa max	0.5 mm
Category	Single Row Ball Bearing
Enclosure	1 Metal Shield
Snap Ring	Yes

Size (mm)	30x72x19
Inventory	0.0
Nlim (oil)	12,000 rpm
bore type:	Round
Width (mm)	19,000
Weight / LBS	0.77
Inch - Metric	Metric
Nlim (grease)	10,000 rpm
Cage Material	Steel
Product Group	B00308
closure type:	Single Shield
Other Features	Deep Groove With Snap Ring
Bearing number	6306ZNR
Keyword String	Ball
bore diameter:	30 mm
cage material:	Steel
fillet radius:	1.1 mm
overall width:	19 mm
Dynamic load, C	26.7 kN
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Static load, C0	15 kN
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Outer Race Width	0.748 Inch 19 Millimeter

Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	2.835 Inch 72 Millimeter
Inner Race Width	0 Inch 0 Millimeter
outside diameter:	72 mm
inner ring width:	19 mm
outer ring width:	19 mm
precision rating:	ISO Class 0
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	0.347
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	30,000
maximum rpm (oil):	12000 rpm
Snap ring reference	R72
internal clearance:	CN
snap ring included:	With Snap Ring
Outer Diameter (mm)	72,000
Minimum Buy Quantity	N/A
static load capacity:	15000 N
maximum rpm (grease):	10000 rpm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	26700 N
Fatigue limit load, Cu	0.68 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6306ZNR
Internal Special Features	No
manufacturer product page:	Click here

operating temperature range:	-40 to 120 °C
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.39 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BPFI	4.92 Hz
Characteristic rolling element frequency, BSF	4.14 Hz