

ISO K10x14x13 needle roller bearings

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d	70 mm
D	150 mm
B	35 mm
rs min	2.1 mm
Radial clearance class	C3
Mass	2.52 kg
Dynamic load, C	104 kN
Static load, C0	68 kN
Fatigue limit load, Cu	2.95 kN
f0	13.2
Nlim (oil)	5,400 rpm
Nlim (grease)	4,600 rpm
Min operating temperature, Tmin	-60 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.1 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BRFI	4.92 Hz
da min	81 mm
Da max	139 mm
ra max	2 mm

Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.52
EAN	4547359579482
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	70MM Bore; 150MM Outside Diameter; 35MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6314ZC3
Weight / LBS	5.56
Outside Diameter	5.906 Inch 150 Millimeter
Outer Race Width	1.378 Inch 35 Millimeter

Bore	2.756 Inch 70 Millimeter
bore diameter:	70 mm
precision rating:	ISO Class 0
outside diameter:	150 mm
finish/coating:	Uncoated
overall width:	35 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Single Shield
inner ring width:	35 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	35 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	4600 rpm
internal clearance:	C3
maximum rpm (oil):	5400 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	2.1 mm
dynamic load capacity:	104000 N
manufacturer product page:	Click here
static load capacity:	68000 N