

NKE 31319-DF tapered roller bearings

NKE 31319-DF tapered roller bearings, Units 90 Outer Diameter (mm) and Housings CAD models , Manufacturing Service . 50x90x20 Size (mm) Get Your Free.

Size (mm)	50x90x20
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	20
d	50 mm
Fw	60,4 mm
D	90 mm
B	20 mm
C	20 mm
r min.	1,1 mm
r1 min.	1,1 mm
J	64,6 mm
Weight	0,47 Kg
Basic dynamic load rating (C)	48 kN
Basic static load rating (C0)	51 kN
(Grease) Lubrication Speed	7 600 r/min
E	80.4 mm
F	60.4 mm
d1	64.6 mm
rs min	1.1 mm
rls min	1.1 mm
Radial clearance class	CN

Mass (without HJ ring)	0.52 kg
Dynamic load, C	48 kN
Static load, C0	51 kN
Fatigue limit load, Cu	6.2 kN
Nlim (oil)	9,000 rpm
Nlim (grease)	7,600 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.9 Hz
Characteristic outer ring frequency, BPF0	6.44 Hz
Characteristic inner ring frequency, BPFI	8.56 Hz
da min	56.5 mm
da max	58 mm
dc min	67 mm
Da max	83.5 mm
ra max	1 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.503
EAN	4547359117707
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row

Separable	Inner Ring – One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	1 Rib Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Long Description	50MM Bore; Straight Bore Profile; 90MM Outside Diameter; 20MM Width; Steel Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NJ210
Weight / LBS	1.109
Bore	1.969 Inch 50 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Width	0.787 Inch 20 Millimeter
bore diameter:	50 mm
static load capacity:	51000 N
outside diameter:	90 mm
precision rating:	ISO Class 0
overall width:	20 mm

maximum rpm:	9000 rpm
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Pressed Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
operating temperature range:	-40 to 120 °C
fillet radius:	1 mm
dynamic load capacity:	48000 N
manufacturer product page:	Click here