

# KOYO 32319JR tapered roller bearings

KOYO 32319JR tapered roller bearings 45x100x25 Size (mm) 100 Outer Diameter (mm) SEARCH – Whether it's agriculture or construction equipment your working on, Has the you need.

Size (mm)	45x100x25
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	25
d	45 mm
Fw	58,5 mm
D	100 mm
B	25 mm
C	25 mm
r min.	1,5 mm
r1 min.	1,5 mm
Weight	0,877 Kg
Basic dynamic load rating (C)	74 kN
Basic static load rating (C0)	71 kN
(Grease) Lubrication Speed	7 200 r/min
E	86.5 mm
F	58.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	0.89 kg
Dynamic load, C	74 kN

Static load, C0	71 kN
Fatigue limit load, Cu	8.7 kN
Nlim (oil)	8,400 rpm
Nlim (grease)	7,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.98 Hz
Characteristic outer ring frequency, BPF0	4.44 Hz
Characteristic inner ring frequency, BRFI	6.56 Hz
da min	53 mm
da max	57 mm
db min	60 mm
Da max	92 mm
ra max	1.5 mm
r1a max	1.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.857
EAN	4547359000603
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 – Both Sides

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	Plain Inner Ring   2 Rib Outer Ring   Cage On Outer Ring ID
Long Description	45MM Bore; Straight Bore Profile; 100MM Outside Diameter; 25MM Width; Steel Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NU309
Weight / LBS	1.892
Width	0.984 Inch   25 Millimeter
Bore	1.772 Inch   45 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
bore diameter:	45 mm
static load capacity:	71000 N
outside diameter:	100 mm
precision rating:	ISO Class 0
overall width:	25 mm
maximum rpm:	8400 rpm

flanges:	(2) Outer 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
ring separation:	Separable Inner Ring
fillet radius:	1.5 mm
operating temperature range:	-40 to 120 °C
manufacturer product page:	<a href="#">Click here</a>
dynamic load capacity:	74000 N