

# NTN 4T-HH221449/HH221410 tapered roller bearings

NTN 4T-HH221449/HH221410 tapered roller bearings 90x140x24  
Size (mm) Manufacturers , Online 90 Bore Diameter (mm) 140  
Outer Diameter (mm) Wholesale Suppliers !

Size (mm)	90x140x24
Bore Diameter (mm)	90
Outer Diameter (mm)	140
Width (mm)	24
d	90 mm
D	140 mm
B	24 mm
C	24 mm
r min.	1,5 mm
da min.	98 mm
da max	102 mm
Da max.	132 mm
ra max.	1,5 mm
Weight	1,02 Kg
Basic dynamic load rating (C)	58 kN
Basic static load rating (C0)	49,5 kN
(Grease) Lubrication Speed	4 700 r/min
(Oil) Lubrication Speed	5 600 r/min
rs min	1.5 mm
Radial clearance class	CN
Mass	1.02 kg
Dynamic load, C	58 kN

Static load, C0	49.5 kN
Fatigue limit load, Cu	2.1 kN
f0	15.6
Nlim (oil)	5,600 rpm
Nlim (grease)	4,700 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.49 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic inner ring frequency, BRFI	7.92 Hz
da min	98 mm
Da max	132 mm
ra max	1.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.169
EAN	4547359004250
Product Group	B00308
Enclosure	Open
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	C0-Medium
Inch – Metric	Metric
Long Description	90MM Bore; 140MM Outside Diameter; 24MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Fi
Other Features	Deep Groove
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6018
Weight / LBS	2.56
Outside Diameter	5.512 Inch   140 Millimeter
Bore	3.543 Inch   90 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.945 Inch   24 Millimeter
bore diameter:	90 mm
precision rating:	Class 0
outside diameter:	140 mm
finish/coating:	Uncoated
overall width:	24 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open

inner ring width:	24 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	24 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	4700 rpm
internal clearance:	CN
maximum rpm (oil):	5600 rpm
operating temperature range:	-40 to 120 °C
fillet radius:	1.5 mm
dynamic load capacity:	58000 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	49500 N