

# 51144 NTN outside diameter design: Straight 220x270x37mm Thrust ball bearings

Bearing number	51144
Size (mm)	220x270x37
Brand	NTN
Bore Diameter (mm)	220
Outer Diameter (mm)	270
Width (mm)	37
d	220 mm
D	270 mm
T	37 mm
d1	267 mm
r min.	1.1 mm
D1	223 mm
da min.	250 mm
Da max.	240 mm
ra max.	1 mm
Weight	4.27 Kg
Basic dynamic load rating (C)	177 kN
Basic static load rating (C0)	740 kN
(Grease) Lubrication Speed	920 r/min
Category	Thrust Ball Bearing
BDI Inventory	0.0
Manufacturer Name	NTN

Minimum Buy Quantity	N/A
Weight / Kilogram	4
Product Group – BDI	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row   With Flat Seat
Long Description	220MM Bore 1; 223MM Bore 2; 270MM Outside Diameter; 37MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Inch – Metric	Metric
Category – BDI	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Weight / LBS	9.41374
Height	1.457 Inch   37 Millimeter
Outside Diameter	10.63 Inch   270 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	8.661 Inch   220 Millimeter

Bore 2	8.78 Inch   223 Millimeter
bore diameter:	220 mm
dynamic load capacity:	177000 N
outside diameter:	267 mm
operating temperature range:	-40 to 120 °C
overall width:	37 mm
maximum rpm:	1300 rpm
thrust bearing type:	Single-Direction
bearing material:	High Carbon Chrome Steel
outside diameter design:	Straight
cage material:	Steel
separable or banded:	Separable
fillet radius:	1.1 mm
precision rating:	ISO Class 0
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	740000 N