



NTN 51140 Thrust Spherical Roller Bearing

Bearing No. 51140

51140 Bearing 2D drawings and 3D CAD models

Size	200x250x37 mm
Bore Diameter	200 mm
Outer Diameter	250 mm
Width	37 mm
d	200 mm
D	250 mm
T	37 mm
d1	247 mm
r min.	1,1 mm
D1	203 mm
da min.	230 mm
Da max.	220 mm
ra max.	1 mm
Weight	3,92 Kg
Basic dynamic load rating (C)	172 kN
Basic static load rating (C0)	675 kN
(Grease) Lubrication Speed	960 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.743
EAN	4547359306330
Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes



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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	200MM Bore 1; 203MM Bore 2; 250MM Outside Diameter; 37MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1 ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	8.64212
Bore 1	7.874 Inch 200 Millimeter
Outside Diameter	9.843 Inch 250 Millimeter
Height	1.457 Inch 37 Millimeter
Bore 2	7.992 Inch 203 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
bore diameter:	200 mm
dynamic load capacity:	172000 N
outside diameter:	247 mm
operating temperature range:	-40 to 120 ° C
overall width:	37 mm



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maximum rpm:	1400 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:	Click here
static load capacity:	675000 N