



NTN 51220 Thrust Spherical Roller Bearing

Bearing No. 51220

51220 Bearing 2D drawings and 3D CAD models

Size	100x150x38 mm
Bore Diameter	100 mm
Outer Diameter	150 mm
Width	38 mm
d	100 mm
D	150 mm
T	38 mm
d1	150 mm
r min.	1,1 mm
D1	103 mm
da min.	130 mm
Da max.	120 mm
ra max.	1 mm
Weight	2,29 Kg
Basic dynamic load rating (C)	147 kN
Basic static load rating (C0)	410 kN
(Grease) Lubrication Speed	1 300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.233
EAN	4547359306804
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	100MM Bore 1; 103MM Bore 2; 150MM Outside Diameter; 38MM 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
Manufacturer Item Number	51220
Weight / LBS	5.04859
Height	1.496 Inch 38 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Bore 1	3.937 Inch 100 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Bore 2	4.055 Inch 103 Millimeter
bore diameter:	100 mm
dynamic load capacity:	147000 N
outside diameter:	150 mm
operating temperature range:	-40 to 120 ° C



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overall width:	38 mm
maximum rpm:	1800 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
series:	512
static load capacity:	410000 N
manufacturer product page:	Click here