



Bearing No. 81211 TN

B	7 mm
d	55 mm
D	90 mm
H	25 mm
Noun	Bearing
Banded	No
UNSPSC	31171507
Bore 1	2.165 Inch 55 Millimeter
Bore 2	2.244 Inch 57 Millimeter
Height	0.984 Inch 25 Millimeter
series:	812
Category	Thrust Roller Bearings
Keyword 3	Cylindrical
Size (mm)	90x55x25
Inventory	0.0
Width (mm)	25
Weight / LBS	1.257
maximum rpm:	2800 rpm
Mass bearing	0.57 kg
Inch - Metric	Metric
D ₁	57 mm
d ₁	90 mm
washer width:	7 mm
Product Group	B04144
Self Aligning	No
d ₁	90 mm
D ₁	57 mm
Cage Material	Polyamide

Limiting speed	2800 r/min
cage material:	Polyamide 66
overall width:	25 mm
fillet radius:	1 mm
bore diameter:	55 mm
Keyword String	Thrust Roller Cylindrical
Bearing number	81211 TN
Other Features	Single Row Injection Molded Cage
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Reference speed	1400 r/min
Long Description	55MM Bore 1; 57MM Bore 2; 90MM Outside Diameter; 25MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Polyamide Cage; ABEC 1 ISO P0; Roller Assembly plus Raceway
Outside Diameter	3.543 Inch 90 Millimeter
Manufacturer URL	http://www.skf.com
outside diameter:	90 mm
Manufacturer Name	SKF
Weight / Kilogram	0.57
bearing material:	Steel
Bore Diameter (mm)	90
r _a max.	1 mm
D _a max.	59 mm
d _a min.	85 mm
Outer Diameter (mm)	55

compatible washers:	GS81211, WS81211
thrust bearing type:	Roller & Cage Assembly with Washers
r_a - max.	1 mm
$r_{1,2}$ min.	1 mm
d_a - min.	85 mm
Minimum Buy Quantity	N/A
D_a - max.	59 mm
static load capacity:	390 kN
Component Description	Roller Assembly plus Raceways
Harmonized Tariff Code	8482.50.00.00
dynamic load capacity:	122 kN
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	81211 TN
manufacturer upc number:	7316570621150
manufacturer product page:	Click here
Single or Double Direction	Single Direction
Basic dynamic load rating C	122 kN
Minimum axial load factor A	0.0122
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	122 kN
housing washer inside diameter:	57 mm
Fatigue load limit P_u	40 kN
Fatigue load limit - P_u	40 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter

Basic static load rating C_0	390 kN
Basic static load rating - C_0	390 kN