



Bearing No. 81108 TN

D	60 mm
d	40 mm
H	13 mm
B	3.5 mm
Noun	Bearing
Bore 2	1.654 Inch 42 Millimeter
Height	0.512 Inch 13 Millimeter
Banded	No
Bore 1	1.575 Inch 40 Millimeter
UNSPSC	31171507
series:	811
Category	Thrust Roller Bearings
Size (mm)	60x40x13
Inventory	0.0
Keyword 3	Cylindrical
Width (mm)	13
maximum rpm:	5000 rpm
Weight / LBS	0.243
Mass bearing	0.105 kg
Product Group	B04144
Inch - Metric	Metric
Self Aligning	No
D ₁	42 mm
D ₁	42 mm
d ₁	60 mm
d ₁	60 mm
washer width:	3.5 mm
Cage Material	Polyamide

Keyword String	Thrust Roller Cylindrical
Other Features	Single Row Injection Molded Cage
bore diameter:	40 mm
fillet radius:	0.6 mm
overall width:	13 mm
cage material:	Polyamide 66
Bearing number	81108 TN
Limiting speed	5000 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Reference speed	2400 r/min
Long Description	40MM Bore 1; 42MM Bore 2; 60MM Outside Diameter; 13MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Polyamide Cage; ABEC 1 ISO P0; Roller Assembly plus Raceway
Outside Diameter	2.362 Inch 60 Millimeter
Manufacturer URL	http://www.skf.com
outside diameter:	60 mm
bearing material:	Steel
Manufacturer Name	SKF
Weight / Kilogram	0.11
r _a max.	0.6 mm
Bore Diameter (mm)	60
d _a min.	58 mm
D _a max.	42 mm
compatible washers:	LS4060, GS81108,

	WS81108
Outer Diameter (mm)	40
r_a - max.	0.6 mm
D_a - max.	42 mm
Minimum Buy Quantity	N/A
d_a - min.	58 mm
thrust bearing type:	Roller & Cage Assembly with Washers
$r_{1,2}$ min.	0.6 mm
static load capacity:	137 kN
Component Description	Roller Assembly plus Raceways
dynamic load capacity:	43 kN
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	0.6 mm
manufacturer upc number:	7316577732880
Manufacturer Item Number	81108 TN
manufacturer product page:	Click here
Single or Double Direction	Single Direction
Basic dynamic load rating C	43 kN
Minimum axial load factor A	0.0015
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	43 kN
housing washer inside diameter:	42 mm
Fatigue load limit P_u	13.7 kN
Fatigue load limit - P_u	13.7 kN



Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C_0	137 kN
Basic static load rating - C_0	137 kN