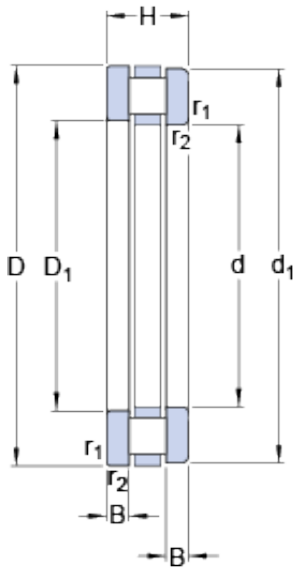




# BEARING CORP.OF AMERICA



81108 TN Bearing 2D drawings and 3D CAD models

40 mm x 60 mm x 3.5 mm skf 81108 TN  
Cylindrical roller thrust bearings

Bearing No. 81108 TN

Size	60x40x13 mm
Bore Diameter	60 mm
Outer Diameter	40 mm
Width	13 mm
d	40 mm
D	60 mm
H	13 mm
d <sub>1</sub>	60 mm
D <sub>1</sub>	42 mm
B	3.5 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	58 mm
D <sub>a</sub> - max.	42 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	43 kN
Basic static load rating - C <sub>0</sub>	137 kN
Fatigue load limit - P <sub>u</sub>	13.7 kN
Reference speed	2400 r/min
Limiting speed	5000 r/min
Mass bearing	0.105 kg
Category	Thrust Roller Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING CORP.OF AMERICA

Weight / Kilogram	0.11
Product Group	B04144
Rolling Element	Cylindrical Roller Bearing
Self Aligning	No
Component Description	Roller Assembly plus Raceways
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Polyamide
Precision Class	ABEC 1   ISO P0
Other Features	Single Row   Injection Molded Cage
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
Inch - Metric	Metric
Category	Thrust Roller Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Keyword 3	Cylindrical
Keyword String	Thrust Roller Cylindrical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	81108 TN
Weight / LBS	0.243
Outside Diameter	2.362 Inch   60 Millimeter
Bore 2	1.654 Inch   42 Millimeter
Bore 1	1.575 Inch   40 Millimeter



## BEARING CORP.OF AMERICA

Height	0.512 Inch   13 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
bore diameter:	40 mm
maximum rpm:	5000 rpm
outside diameter:	60 mm
fillet radius:	0.6 mm
overall width:	13 mm
compatible washers:	LS4060, GS81108, WS81108
thrust bearing type:	Roller & Cage Assembly with Washers
housing washer inside diameter:	42 mm
operating temperature range:	Max 250 ° F
washer width:	3.5 mm
bearing material:	Steel
series:	811
static load capacity:	137 kN
manufacturer product page:	<a href="#">Click here</a>
cage material:	Polyamide 66
manufacturer upc number:	7316577732880
dynamic load capacity:	43 kN
$d_1$	60 mm
$D_1$	42 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	58 mm
$D_a$ max.	42 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	43 kN
Basic static load rating $C_0$	137 kN
Fatigue load limit $P_u$	13.7 kN
Minimum axial load factor A	0.0015



# BEARING CORP.OF AMERICA