



Bearing No. 81208 TN

D	68 mm
d	40 mm
H	19 mm
B	5 mm
Noun	Bearing
Bore 2	1.654 Inch 42 Millimeter
Bore 1	1.575 Inch 40 Millimeter
Banded	No
Height	0.748 Inch 19 Millimeter
UNSPSC	31171507
series:	812
Category	Thrust Roller Bearings
Size (mm)	68x40x19
Inventory	1.0
Keyword 3	Cylindrical
Width (mm)	19
maximum rpm:	3800 rpm
Weight / LBS	0.551
Mass bearing	0.249 kg
Product Group	B04144
Inch - Metric	Metric
Self Aligning	No
D ₁	42 mm
D ₁	42 mm
d ₁	68 mm
d ₁	68 mm
washer width:	5 mm
Cage Material	Polyamide

Keyword String	Thrust Roller Cylindrical
Other Features	Single Row Injection Molded Cage
bore diameter:	40 mm
fillet radius:	1 mm
overall width:	19 mm
cage material:	Polyamide 66
Bearing number	81208 TN
Limiting speed	3800 r/min
Thrust Bearing	Yes
Precision Class	ABEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Reference speed	1900 r/min
Manufacturer URL	http://www.skf.com
Long Description	40MM Bore 1; 42MM Bore 2; 68MM Outside Diameter; 19MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Polyamide Cage; ABEC 1 ISO P0; Roller Assembly plus Raceway
Outside Diameter	2.677 Inch 68 Millimeter
Manufacturer Name	SKF
outside diameter:	68 mm
bearing material:	Steel
Weight / Kilogram	0.25
d _a min.	66 mm
D _a max.	43 mm
r _a max.	1 mm
Bore Diameter (mm)	68
compatible washers:	GS81208, WS81208

Outer Diameter (mm)	40
$r_{1,2}$ min.	1 mm
r_a - max.	1 mm
Minimum Buy Quantity	N/A
d_a - min.	66 mm
thrust bearing type:	Roller & Cage Assembly with Washers
D_a - max.	43 mm
Component Description	Roller Assembly plus Raceways
static load capacity:	255 kN
dynamic load capacity:	83 kN
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	1 mm
manufacturer upc number:	7316577086648
Manufacturer Item Number	81208 TN
manufacturer product page:	Click here
Single or Double Direction	Single Direction
Basic dynamic load rating C	83 kN
Minimum axial load factor A	0.0052
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	83 kN
housing washer inside diameter:	42 mm
Fatigue load limit P_u	26.5 kN
Fatigue load limit - P_u	26.5 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter

Basic static load rating C_0	255 kN
Basic static load rating - C_0	255 kN