



Bearing No. 81214 TN

D	105 mm
d	70 mm
H	27 mm
B	8 mm
Noun	Bearing
Banded	No
Bore 1	2.756 Inch 70 Millimeter
Bore 2	2.835 Inch 72 Millimeter
Height	1.063 Inch 27 Millimeter
UNSPSC	31171507
Category	Thrust Roller Bearings
Size (mm)	105x70x27
Keyword 3	Cylindrical
Inventory	0.0
Width (mm)	27
Mass bearing	0.768 kg
Weight / LBS	1.698
Self Aligning	No
Inch - Metric	Metric
D ₁	72 mm
d ₁	105 mm
d ₁	105 mm
Cage Material	Polyamide
D ₁	72 mm
Product Group	B04144
Keyword String	Thrust Roller Cylindrical
Other Features	Single Row Injection Molded Cage

Bearing number	81214 TN
Thrust Bearing	Yes
Limiting speed	2600 r/min
Reference speed	1300 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Cylindrical Roller Bearing
Long Description	70MM Bore 1; 72MM Bore 2; 105MM Outside Diameter; 27MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Polyamide Cage; ABEC 1 ISO P0; Roller Assembly plus Racewa
Outside Diameter	4.134 Inch 105 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	0.77
Manufacturer Name	SKF
r _a max.	1 mm
D _a max.	74 mm
d _a min.	102 mm
Bore Diameter (mm)	105
Outer Diameter (mm)	70
D _a - max.	74 mm
r _a - max.	1 mm
r _{1,2} min.	1 mm
Minimum Buy Quantity	N/A
d _a - min.	102 mm
Component Description	Roller Assembly plus Raceways
Harmonized Tariff Code	8482.50.00.00
r _{1,2} - min.	1 mm

Manufacturer Item Number	81214 TN
Single or Double Direction	Single Direction
Basic dynamic load rating C	146 kN
Minimum axial load factor A	0.0225
Basic dynamic load rating - C	146 kN
Fatigue load limit P_u	55 kN
Fatigue load limit - P_u	55 kN
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Basic static load rating C_0	530 kN
Basic static load rating - C_0	530 kN