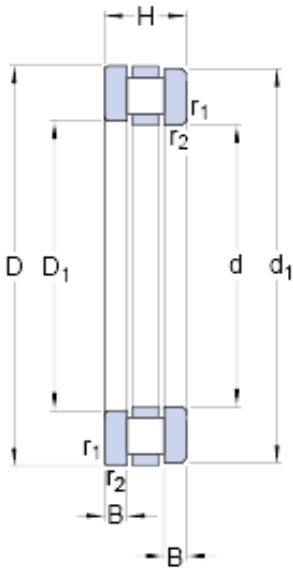




BEARING CORP.OF AMERICA



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 ₁ | 60 mm |
| D ₁ | 42 mm |
| B | 3.5 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 |
| 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 |
| | |



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| | |
|----------------------------|--|
| Weight / Kilogram | 0.11 |
| EAN | 7316577732880 |
| 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 | http://www.skf.com |
| Manufacturer Item Number | 81108 TN |
| Weight / LBS | 0.243 |
| Outside Diameter | 2.362 Inch 60 Millimeter |
| Bore 2 | 1.654 Inch 42 Millimeter |
| | |



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| | |
|-------------------------------------|-------------------------------------|
| Bore 1 | 1.575 Inch 40 Millimeter |
| 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: | Click here |
| 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 |
| | |



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| | |
|--------------------------------|--------|
| Minimum axial load factor A | 0.0015 |
|--------------------------------|--------|