



# BEARING CORP.OF AMERICA

150 mm x 215 mm x 14.5 mm skf 81230 M  
Cylindrical roller thrust bearings



81230 M Bearing 2D drawings and 3D CAD models

Bearing No. 81230 M

|                            |  |
|----------------------------|--|
| Category                   | Thrust Roller Bearing  |
| Inventory                  | 0.0  |
| Manufacturer Name          | SKF  |
| Minimum Buy Quantity       | N/A  |
| Weight                     | 6.35   |
| EAN                        | 7316572346228  |
| 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              | Machined Brass   |
| Precision Class            | ABEC 1   ISO P0  |
| Other Features             | Single Row   |
| Long Description           | 150MM Bore 1; 153MM Bore 2; 215MM Outside Diameter; 50MM Height; Cylindrical Roller Bearing; Single Direction; Not Self Aligning; Not Banded; Machined Brass Cage; ABEC 1   ISO P0; Roller Assembly plus |
| Inch - Metric              | Metric   |
| Category                   | Thrust Roller Bearings   |
|                            |  |



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|   |   |
|---|---|
| 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                | 81230 M   |
| Weight / LBS                            | 13.007  |
| Height                                  | 1.969 Inch   50 Millimeter                          |
| Overall Height with Aligning Washer     | 0 Inch   0 Millimeter                               |
| D                                       | 8.465 Inch   215 Millimeter                         |
| Bore 2                                  | 6.024 Inch   153 Millimeter                         |
| Bore 1                                  | 5.906 Inch   150 Millimeter                         |
| d                                       | 150 mm  |
| D                                       | 215 mm  |
| H                                       | 50 mm   |
| d <sub>1</sub>                          | 212 mm  |
| D <sub>1</sub>                          | 153 mm  |
| B                                       | 14.5 mm   |
| r <sub>1,2</sub> min.                   | 1.5 mm  |
| d <sub>a</sub> min.                     | 211 mm  |
| D <sub>a</sub> max.                     | 158 mm  |
| r <sub>a</sub> max.                     | 1.5 mm  |
| Basic dynamic load rating C             | 465 kN  |
| Basic static load rating C <sub>0</sub> | 1900 kN   |
| Fatigue load limit P <sub>u</sub>       | 170 kN  |
| Reference speed                         | 630 r/min   |
| Limiting speed                          | 1300 r/min  |
| Minimum axial load factor A             | 0.289   |
| Mass bearing                            | 7.2 kg  |