



## NTN bearing de Mexico, S.A.



380 mm x 480 mm x 46 mm skf 61876 MA Deep groove ball bearings

Bearing No. 61876 MA

61876 MA Bearing 2D drawings and 3D CAD models

|   |                          |
|---|--------------------------|
| Size                                      | 480x380x46 mm            |
| Bore Diameter                             | 480 mm                   |
| Outer Diameter                            | 380 mm                   |
| Width                                     | 46 mm                    |
| d   | 380 mm                   |
| D   | 480 mm                   |
| B   | 46 mm                    |
| d <sub>1</sub>                            | 412 mm                   |
| D <sub>1</sub>                            | 448.72 mm                |
| r <sub>1,2</sub> - min.                   | 2.1 mm                   |
| d <sub>a</sub> - min.                     | 392 mm                   |
| D <sub>a</sub> - max.                     | 468 mm                   |
| r <sub>a</sub> - max.                     | 2 mm                     |
| Basic dynamic load rating - C             | 242 kN                   |
| Basic static load rating - C <sub>0</sub> | 390 kN                   |
| Fatigue load limit - P <sub>u</sub>       | 8 kN                     |
| Reference speed                           | 2400 r/min               |
| Limiting speed                            | 2000 r/min               |
| Calculation factor - k <sub>r</sub>       | 0.015                    |
| Calculation factor - f <sub>0</sub>       | 17                       |
| Category                                  | Single Row Ball Bearings |
| Inventory                                 | 0.0                      |
| Manufacturer Name                         | SKF                      |
| Minimum Buy Quantity                      | N/A                      |



## NTN bearing de Mexico, S.A.

|                                 |  |
|---------------------------------|--|
| Weight / Kilogram               | 29.516   |
| Product Group                   | B00308   |
| Enclosure                       | Open   |
| Precision Class                 | ABEC 1   ISO P0  |
| Maximum Capacity / Filling Slot | No   |
| Rolling Element                 | Ball Bearing   |
| Snap Ring                       | No   |
| Internal Special Features       | No   |
| Cage Material                   | Brass  |
| Internal Clearance              | C0-Medium  |
| Inch - Metric                   | Metric   |
| Long Description                | 380MM Bore; 480MM Outside Diameter; 46MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category                        | Single Row Ball Bearing  |
| UNSPSC                          | 31171504   |
| Harmonized Tariff Code          | 8482.10.50.68  |
| Noun                            | Bearing  |
| Keyword String                  | Ball   |
| Manufacturer URL                | <a href="http://www.skf.com">http://www.skf.com</a>  |
| Manufacturer Item Number        | 61876 MA   |
| Weight / LBS                    | 57.2   |
| Outer Race Width                | 1.811 Inch   46 Millimeter   |
| Outside Diameter                | 18.898 Inch   480 Millimeter   |
| Bore                            | 14.961 Inch   380 Millimeter   |
| bore diameter:                  | 380 mm   |
| static load capacity:           | 390 kN   |
| outside diameter:               | 480 mm   |
| precision rating:               | Not Rated  |
|                                 |  |



## NTN bearing de Mexico, S.A.

|                                |                          |
|--------------------------------|--------------------------|
| overall width:                 | 46 mm                    |
| finish/coating:                | Uncoated                 |
| bore type:                     | Round                    |
| cage material:                 | Brass                    |
| closure type:                  | Open                     |
| outer ring width:              | 46 mm                    |
| row type & fill slot:          | Single Row Non-Fill Slot |
| fillet radius:                 | 2 mm                     |
| snap ring included:            | Without Snap Ring        |
| maximum rpm:                   | 2000 RPM                 |
| internal clearance:            | C0                       |
| series:                        | 61                       |
| dynamic load capacity:         | 242 kN                   |
| $d_1$                          | 412 mm                   |
| $D_1$                          | 448.72 mm                |
| $r_{1,2}$ min.                 | 2.1 mm                   |
| $d_a$ min.                     | 392 mm                   |
| $D_a$ max.                     | 468 mm                   |
| $r_a$ max.                     | 2 mm                     |
| Basic dynamic load rating C    | 242 kN                   |
| Basic static load rating $C_0$ | 390 kN                   |
| Fatigue load limit $P_u$       | 8 kN                     |
| Calculation factor $k_r$       | 0.015                    |
| Calculation factor $f_0$       | 17                       |
| Mass bearing                   | 20 kg                    |