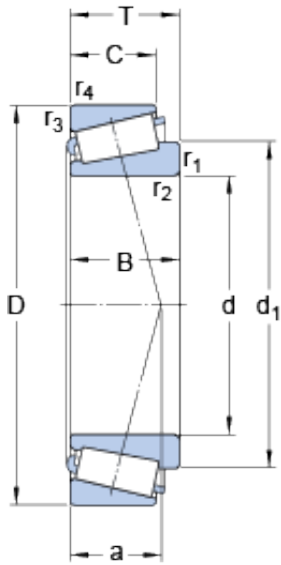




# AMERICAN BEARING MFG.CORP.



21.43 mm x 50.005 mm x 18.288 mm SKF M  
12649/610/Q tapered roller bearings

Bearing No. M 12649/610/Q

M 12649/610/Q Bearing 2D drawings and 3D CAD models

|   |                        |
|---|------------------------|
| Size                                      | 50.005x21.43x17.526 mm |
| Bore Diameter                             | 50,005 mm              |
| Outer Diameter                            | 21,43 mm               |
| Width                                     | 17,526 mm              |
| d   | 21.43 mm               |
| D   | 50.005 mm              |
| T   | 17.526 mm              |
| d <sub>1</sub>                            | 34.3 mm                |
| B   | 18.288 mm              |
| C   | 13.97 mm               |
| r <sub>1,2</sub> - min.                   | 1.3 mm                 |
| r <sub>3,4</sub> - min.                   | 1.3 mm                 |
| a   | 11 mm                  |
| d <sub>a</sub> - max.                     | 28 mm                  |
| d <sub>b</sub> - min.                     | 28 mm                  |
| D <sub>a</sub> - min.                     | 43 mm                  |
| D <sub>a</sub> - max.                     | 43.5 mm                |
| D <sub>b</sub> - min.                     | 46 mm                  |
| C <sub>a</sub> - min.                     | 3 mm                   |
| C <sub>b</sub> - min.                     | 3.5 mm                 |
| r <sub>a</sub> - max.                     | 1.3 mm                 |
| r <sub>b</sub> - max.                     | 1.3 mm                 |
| Basic dynamic load rating - C             | 36.9 kN                |
| Basic static load rating - C <sub>0</sub> | 38 kN                  |
|   |                        |



## AMERICAN BEARING MFG.CORP.

|                            |             |
|----------------------------|-------------|
| Fatigue load limit - $P_u$ | 4.2 kN      |
| Reference speed            | 16000 r/min |
| Limiting speed             | 16000 r/min |
| Calculation factor - e     | 0.28        |
| Calculation factor - Y     | 2.1         |
| Calculation factor - $Y_0$ | 1.1         |
| Category                   | Bearings    |
| Inventory                  | 0.0         |
| Manufacturer Name          | SKF         |
| Minimum Buy Quantity       | N/A         |
| Weight / Kilogram          | 0.168       |
| Product Group              | B04334      |