



# BEARINGS(UK)LTD.

## TIMKEN taper roller bearing catalog M12649/M12610 L44649/L44610

Bearing No. M12649/M12610



M12649/M12610 Bearing 2D drawings and 3D CAD models

|                                 |                        |
|---------------------------------|------------------------|
| Size                            | 21.43x50.005x17.526 mm |
| Bore Diameter                   | 21,43 mm               |
| Outer Diameter                  | 50,005 mm              |
| Width                           | 17,526 mm              |
| d                               | 21,43 mm               |
| D                               | 50,005 mm              |
| T                               | 17,526 mm              |
| B                               | 18,288 mm              |
| C                               | 13,97 mm               |
| R                               | 1,3 mm                 |
| r                               | 1,3 mm                 |
| a -                             | 6,4 mm                 |
| Da                              | 46 mm                  |
| db                              | 29 mm                  |
| da                              | 25,5 mm                |
| Db                              | 44 mm                  |
| Aa                              | 0,3 mm                 |
| Ab                              | 1,1 mm                 |
| Weight                          | 0,17 Kg                |
| Basic static load rating (C0)   | 43,5 kN                |
| Factor (G1)                     | 9,1                    |
| Factor (G2)                     | 5,6                    |
| Factor (Cg)                     | 0,0105                 |
| Factor (K)                      | 2,1                    |
| Basic dynamic load rating (C90) | 10,6                   |



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|                                     |         |
|-------------------------------------|---------|
| Basic dynamic load rating<br>(Ca90) | 5,03    |
| Basic dynamic load rating<br>(C1)   | 40,8 kN |
| Calculation factor (e)              | 0,28    |