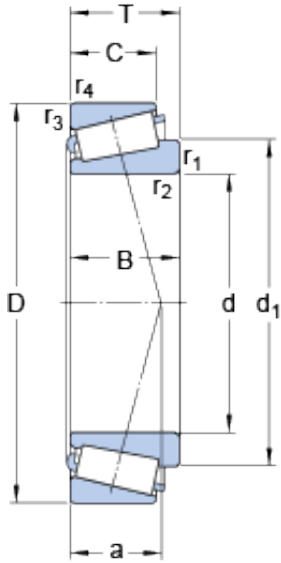




# Timken MANUFACTURING (THAILAND)CO.,LTD.



187.325 mm x 282.575 mm x 47.625 mm SKF  
87737/87111 tapered roller bearings

Bearing No. 87737/87111

87737/87111 Bearing 2D drawings and 3D CAD models

|   |                         |
|---|-------------------------|
| Size                                      | 282.575x187.325x50.8 mm |
| Bore Diameter                             | 282,575 mm              |
| Outer Diameter                            | 187,325 mm              |
| Width                                     | 50,8 mm                 |
| d   | 187.325 mm              |
| D   | 282.575 mm              |
| T   | 50.8 mm                 |
| d <sub>1</sub>                            | 232.3 mm                |
| B   | 47.625 mm               |
| C   | 36.512 mm               |
| r <sub>1,2</sub> - min.                   | 3.5 mm                  |
| r <sub>3,4</sub> - min.                   | 3.3 mm                  |
| a   | 55 mm                   |
| d <sub>a</sub> - max.                     | 213 mm                  |
| d <sub>b</sub> - min.                     | 201 mm                  |
| D <sub>a</sub> - min.                     | 253 mm                  |
| D <sub>a</sub> - max.                     | 271 mm                  |
| D <sub>b</sub> - min.                     | 267 mm                  |
| C <sub>a</sub> - min.                     | 6 mm                    |
| C <sub>b</sub> - min.                     | 14 mm                   |
| r <sub>a</sub> - max.                     | 3.3 mm                  |
| r <sub>b</sub> - max.                     | 3.1 mm                  |
| Basic dynamic load rating - C             | 402 kN                  |
| Basic static load rating - C <sub>0</sub> | 695 kN                  |
|   |                         |



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|                                |                 |
|--------------------------------|-----------------|
| Fatigue load limit - $P_u$     | 67 kN           |
| Reference speed                | 1600 r/min      |
| Limiting speed                 | 2200 r/min      |
| Calculation factor - e         | 0.43            |
| Calculation factor - Y         | 1.4             |
| Calculation factor - $Y_0$     | 0.8             |
| Category                       | Roller Bearings |
| Inventory                      | 0.0             |
| Manufacturer Name              | SKF             |
| Minimum Buy Quantity           | N/A             |
| Weight / Kilogram              | 10.158          |
| Product Group                  | B04334          |
| Dimension series               | 87000           |
| $d_1$                          | 232.3 mm        |
| $r_{1,2}$ min.                 | 3.5 mm          |
| $r_{3,4}$ min.                 | 3.3 mm          |
| $d_a$ max.                     | 213 mm          |
| $d_b$ min.                     | 203.5 mm        |
| $D_a$ min.                     | 253 mm          |
| $D_a$ max.                     | 267.5 mm        |
| $D_b$ min.                     | 267 mm          |
| $C_a$ min.                     | 6 mm            |
| $C_b$ min.                     | 14 mm           |
| $r_a$ max.                     | 3.5 mm          |
| $r_b$ max.                     | 3.3 mm          |
| Basic dynamic load rating C    | 427 kN          |
| Basic static load rating $C_0$ | 695 kN          |
| Fatigue load limit $P_u$       | 67 kN           |
| Calculation factor e           | 0.43            |
| Calculation factor Y           | 1.4             |
| Calculation factor $Y_0$       | 0.8             |
| Mass bearing                   | 9.92 kg         |



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