



**timken 705RX3131B Cylindrical Roller Radial Bearings/Four-Row**

Bearing No. 705RX3131B

|   |              |
|---|--------------|
| Bore d  | 705.000 mm   |
| O.D. D  | 1066.905 mm  |
| Width B   | 635.000 mm   |
| Width C   | 635.000 mm   |
| DUR/DOR F/E                                     | 796.000 mm   |
| Type  | RX-1         |
| Static Load Rating C <sub>0</sub>               | 22600 kN     |
| Dynamic Load Rating C <sub>1</sub> <sup>1</sup> | 45200 kN     |
| Weight  | 4580.100 lb  |
| Chamfer r <sub>smin</sub>                       | 6.00 mm      |
| Chamfer r <sub>1smin</sub> <sup>2</sup>         | 6.0 mm       |
| Backing Shaft Diameter d <sub>s</sub>           | 784.5 mm     |
| Backing Housing Diameter D <sub>s</sub>         | 986.0 mm     |
| Lubrication Groove g                            | 34.0 mm      |
| Lubrication Hole Diameter h                     | 19.0 mm      |
| Number of Lubrication Holes                     | 16           |
| Inner-Ring Set                                  | 705ARXS3131B |
| Outer-Ring Set                                  | 796RXS3131   |

705RX3131B Bearing 2D drawings and 3D CAD models