



## Air Suspension Bearing Co., Ltd



### 3MMV9312HX TIMKEN Full Complement Cylindrical Roller Radial Bearings

Bearing No. 3MMV9312HX

|   |                                      |
|---|--------------------------------------|
| d   | 60 mm                                |
| D   | 85 mm                                |
| Bearing Width                               | 13 mm                                |
| Contact Angle                               | 25 °                                 |
| do - Ball Diameter                          | 8.73130 mm                           |
| C0 - Static Radial Rating                   | 9697 N                               |
| Ce - Dynamic Radial Rating <sup>1</sup>     | 14278 N                              |
| Limiting Speed (Grease)                     | 17300 rpm                            |
| Limiting Speed (Oil)                        | 34600 rpm                            |
| Ball Type                                   | STEEL                                |
| Cage Type                                   | CR - Phenolic Outer Land Riding Cage |
| Bearing Weight                              | 0.20 Kg                              |
| Design Units                                | METRIC                               |
| R - Inner Ring To Clear Radius <sup>2</sup> | 1.0 mm                               |
| r - Outer Ring To Clear Radius <sup>3</sup> | 1.0 mm                               |
| da - Inner Ring Backing Diameter            | 65.300 mm                            |
| Da - Outer Ring Backing Diameter            | 80.200 mm                            |

3MMV9312HX Bearing 2D drawings and 3D CAD models