

## Detailed Specifications

**Inch Series Bearings**

|                                       |                  |
|---------------------------------------|------------------|
| <b>Inch:</b>                          | Flanged Shielded |
| <b>Bore Diameter:</b>                 | 9.525[mm]        |
| <b>Outside Diameter:</b>              | 22.225[mm]       |
| <b>Width:</b>                         | 7.142[mm]        |
| <b>Dynamic Load Rating Cr:</b>        | 3297[N]          |
| <b>Static Load Rating Cor:</b>        | 1368[N]          |
| <b>Bore Diameter:</b>                 | 0.375[in]        |
| <b>Outside Diameter:</b>              | 0.875[in]        |
| <b>Width:</b>                         | 0.2812[in]       |
| <b>Flange Diameter (D1):</b>          | 24.613[mm]       |
| <b>Flange Width (C1):</b>             | 1.575[mm]        |
| <b>Fillet Radius (rsmin):</b>         | 0.41[mm]         |
| <b>Reference Diameter Inner (Li):</b> | 12.4[mm]         |
| <b>Reference Diameter Outer (Lo):</b> | 19.1[mm]         |
| <b>Ball Size (DW):</b>                | 3.969[mm]        |
| <b>Ball Complement (Z):</b>           | 7                |
| <b>Dynamic Load Rating (Cr):</b>      | 3297[N]          |
| <b>Static Load Rating (Cor):</b>      | 1368[N]          |
| <b>Flange Diameter (D1):</b>          | 0.969[in]        |
| <b>Flange Width (C1):</b>             | 0.062[in]        |
| <b>Fillet Radius (rsmin):</b>         | 0.016[in]        |
| <b>Reference Diameter Inner (Li):</b> | 0.488[in]        |
| <b>Reference Diameter Outer (Lo):</b> | 0.752[in]        |
| <b>Ball Size (DW):</b>                | 0.1563[in]       |