

## Detailed Specifications

### Metric Ball Bearings

|                                       |                 |
|---------------------------------------|-----------------|
| <b>Enclosure:</b>                     | Shielded        |
| <b>Flanged:</b>                       | No              |
| <b>Material:</b>                      | Stainless Steel |
| <b>Bore Diameter:</b>                 | 0.315[in]       |
| <b>Outside Diameter:</b>              | 0.6299[in]      |
| <b>Width:</b>                         | 0.1969[in]      |
| <b>Bore Diameter:</b>                 | 8[mm]           |
| <b>Outside Diameter:</b>              | 16[mm]          |
| <b>Width:</b>                         | 5[mm]           |
| <b>Dynamic Load Rating (Cr):</b>      | 1606[N]         |
| <b>Static Load Rating (Cor):</b>      | 712[N]          |
| <b>Fillet Radius (rsmin):</b>         | 0.008[in]       |
| <b>Fillet Radius (rsmin):</b>         | 0.381[mm]       |
| <b>Reference Diameter Inner (Li):</b> | 0.558[in]       |
| <b>Reference Diameter Outer (Lo):</b> | 0.2[in]         |
| <b>Reference Diameter Inner (Li):</b> | 9.68[mm]        |
| <b>Reference Diameter Outer (Lo):</b> | 14.18[mm]       |
| <b>Ball Size (DW):</b>                | 0.0938[in]      |
| <b>Ball Size (DW):</b>                | 2.381[mm]       |
| <b>Ball Complement (Z):</b>           | 9               |
| <b>Dynamic Load Rating (Cr):</b>      | 1606[N]         |
| <b>Static Load Rating (Cor):</b>      | 712[N]          |