

**order part L-1280ZZRA3P58LD Miniature  
Ball Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

|                                       |            |
|---------------------------------------|------------|
| <b>Metric:</b>                        | Shielded   |
| <b>Bore Diameter:</b>                 | 8[mm]      |
| <b>Outside Diameter:</b>              | 12[mm]     |
| <b>Width:</b>                         | 3.5[mm]    |
| <b>Bore Diameter:</b>                 | 0.315[in]  |
| <b>Outside Diameter:</b>              | 0.4724[in] |
| <b>Width:</b>                         | 0.1378[in] |
| <b>Fillet Radius (rsmin):</b>         | 0.1[mm]    |
| <b>Reference Diameter Inner (Li):</b> | 9.1[mm]    |
| <b>Reference Diameter Outer (Lo):</b> | 11.24[mm]  |
| <b>Ball Size (DW):</b>                | 1.191[mm]  |
| <b>Ball Complement (Z):</b>           | 11         |
| <b>Dynamic Load Rating (Cr):</b>      | 506[N]     |
| <b>Static Load Rating (Cor):</b>      | 249[N]     |
| <b>ISO/JIS Number:</b>                | 678ZZ      |
| <b>Fillet Radius (rsmin):</b>         | 0.004[in]  |
| <b>Reference Diameter Inner (Li):</b> | 0.358[in]  |
| <b>Reference Diameter Outer (Lo):</b> | 0.443[in]  |
| <b>Ball Size (DW):</b>                | 0.0469[in] |
| <b>Dynamic Load Rating Cr:</b>        | 506[N]     |
| <b>Static Load Rating Cor:</b>        | 249[N]     |