

**order part L-840ZZRA3P58L0 Miniature Ball  
Bearings Metric Bearing Series**



**Metric Bearing Series**

Detailed Specifications

|                                       |            |
|---------------------------------------|------------|
| <b>Metric:</b>                        | Shielded   |
| <b>Bore Diameter:</b>                 | 4[mm]      |
| <b>Outside Diameter:</b>              | 8[mm]      |
| <b>Width:</b>                         | 3[mm]      |
| <b>Bore Diameter:</b>                 | 0.1575[in] |
| <b>Outside Diameter:</b>              | 0.315[in]  |
| <b>Width:</b>                         | 0.1181[in] |
| <b>Fillet Radius (rsmin):</b>         | 0.1[mm]    |
| <b>Reference Diameter Inner (Li):</b> | 5.2[mm]    |
| <b>Reference Diameter Outer (Lo):</b> | 7.24[mm]   |
| <b>Ball Size (DW):</b>                | 1.191[mm]  |
| <b>Ball Complement (Z):</b>           | 7          |
| <b>Dynamic Load Rating (Cr):</b>      | 391[N]     |
| <b>Static Load Rating (Cor):</b>      | 140[N]     |
| <b>Fillet Radius (rsmin):</b>         | 0.004[in]  |
| <b>Reference Diameter Inner (Li):</b> | 0.205[in]  |
| <b>Reference Diameter Outer (Lo):</b> | 0.285[in]  |
| <b>Ball Size (DW):</b>                | 0.0469[in] |
| <b>Dynamic Load Rating Cr:</b>        | 391[N]     |
| <b>Static Load Rating Cor:</b>        | 140[N]     |