

**order part DDL-310HA3P13LG Miniature Ball  
Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

|                                       |            |
|---------------------------------------|------------|
| <b>Metric:</b>                        | Open       |
| <b>Bore Diameter:</b>                 | 1[mm]      |
| <b>Outside Diameter:</b>              | 3[mm]      |
| <b>Width:</b>                         | 1[mm]      |
| <b>Bore Diameter:</b>                 | 0.0394[in] |
| <b>Outside Diameter:</b>              | 0.1181[in] |
| <b>Width:</b>                         | 0.0394[in] |
| <b>Fillet Radius (rsmin):</b>         | 0.05[mm]   |
| <b>Reference Diameter Inner (Li):</b> | 1.6[mm]    |
| <b>Reference Diameter Outer (Lo):</b> | 2.41[mm]   |
| <b>Ball Size (DW):</b>                | 0.5[mm]    |
| <b>Ball Complement (Z):</b>           | 7          |
| <b>Dynamic Load Rating (Cr):</b>      | 80[N]      |
| <b>Static Load Rating (Cor):</b>      | 23[N]      |
| <b>ISO/JIS Number:</b>                | 681        |
| <b>Fillet Radius (rsmin):</b>         | 0.002[in]  |
| <b>Reference Diameter Inner (Li):</b> | 0.063[in]  |
| <b>Reference Diameter Outer (Lo):</b> | 0.095[in]  |
| <b>Ball Size (DW):</b>                | 0.0197[in] |
| <b>Dynamic Load Rating Cr:</b>        | 80[N]      |
| <b>Static Load Rating Cor:</b>        | 23[N]      |