

**order part R-930ZZRA3P13LY Miniature Ball  
Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

|                                       |            |
|---------------------------------------|------------|
| <b>Metric:</b>                        | Shielded   |
| <b>Bore Diameter:</b>                 | 3[mm]      |
| <b>Outside Diameter:</b>              | 9[mm]      |
| <b>Width:</b>                         | 5[mm]      |
| <b>Bore Diameter:</b>                 | 0.1181[in] |
| <b>Outside Diameter:</b>              | 0.3543[in] |
| <b>Width:</b>                         | 0.1969[in] |
| <b>Fillet Radius (rsmin):</b>         | 0.15[mm]   |
| <b>Reference Diameter Inner (Li):</b> | 4.8[mm]    |
| <b>Reference Diameter Outer (Lo):</b> | 7.64[mm]   |
| <b>Ball Size (DW):</b>                | 1.588[mm]  |
| <b>Ball Complement (Z):</b>           | 7          |
| <b>Dynamic Load Rating (Cr):</b>      | 634[N]     |
| <b>Static Load Rating (Cor):</b>      | 219[N]     |
| <b>ISO/JIS Number:</b>                | 603ZZ      |
| <b>Fillet Radius (rsmin):</b>         | 0.006[in]  |
| <b>Reference Diameter Inner (Li):</b> | 0.189[in]  |
| <b>Reference Diameter Outer (Lo):</b> | 0.301[in]  |
| <b>Ball Size (DW):</b>                | 0.0625[in] |
| <b>Dynamic Load Rating Cr:</b>        | 634[N]     |
| <b>Static Load Rating Cor:</b>        | 219[N]     |