

**order part R-1970ZZRA1P25LY Miniature  
Ball Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

|                                       |            |
|---------------------------------------|------------|
| <b>Metric:</b>                        | Shielded   |
| <b>Bore Diameter:</b>                 | 7[mm]      |
| <b>Outside Diameter:</b>              | 19[mm]     |
| <b>Width:</b>                         | 6[mm]      |
| <b>Bore Diameter:</b>                 | 0.2756[in] |
| <b>Outside Diameter:</b>              | 0.748[in]  |
| <b>Width:</b>                         | 0.2362[in] |
| <b>Fillet Radius (rsmin):</b>         | 0.3[mm]    |
| <b>Reference Diameter Inner (Li):</b> | 9.55[mm]   |
| <b>Reference Diameter Outer (Lo):</b> | 16.24[mm]  |
| <b>Ball Size (DW):</b>                | 3.175[mm]  |
| <b>Ball Complement (Z):</b>           | 7          |
| <b>Dynamic Load Rating (Cr):</b>      | 2240[N]    |
| <b>Static Load Rating (Cor):</b>      | 912[N]     |
| <b>ISO/JIS Number:</b>                | 607ZZ      |
| <b>Fillet Radius (rsmin):</b>         | 0.012[in]  |
| <b>Reference Diameter Inner (Li):</b> | 0.376[in]  |
| <b>Reference Diameter Outer (Lo):</b> | 0.639[in]  |
| <b>Ball Size (DW):</b>                | 0.125[in]  |
| <b>Dynamic Load Rating Cr:</b>        | 2240[N]    |
| <b>Static Load Rating Cor:</b>        | 912[N]     |