

**order part DDRI-518RA5P24LY Miniature  
Ball Bearings Inch Series Bearings**



**Inch Series Bearings**

Detailed Specifications

|                                       |            |
|---------------------------------------|------------|
| <b>Inch:</b>                          | Open       |
| <b>Bore Diameter:</b>                 | 3.175[mm]  |
| <b>Outside Diameter:</b>              | 7.938[mm]  |
| <b>Width:</b>                         | 2.779[mm]  |
| <b>Bore Diameter:</b>                 | 0.1250[in] |
| <b>Outside Diameter:</b>              | 0.3125[in] |
| <b>Width:</b>                         | 0.1094[in] |
| <b>Fillet Radius (rsmin):</b>         | 0.080[mm]  |
| <b>Reference Diameter Inner (Li):</b> | 4.400[mm]  |
| <b>Reference Diameter Outer (Lo):</b> | 6.880[mm]  |
| <b>Ball Size (DW):</b>                | 1.588[mm]  |
| <b>Ball Complement (Z):</b>           | 6.000      |
| <b>Dynamic Load Rating (Cr):</b>      | 563.000[N] |
| <b>Static Load Rating (Cor):</b>      | 183.000[N] |
| <b>Fillet Radius (rsmin):</b>         | 0.003[in]  |
| <b>Reference Diameter Inner (Li):</b> | 0.173[in]  |
| <b>Reference Diameter Outer (Lo):</b> | 0.271[in]  |
| <b>Ball Size (DW):</b>                | 0.0625[in] |
| <b>Dynamic Load Rating Cr:</b>        | 563[N]     |
| <b>Static Load Rating Cor:</b>        | 183[N]     |