

**order part DDRI-1812HA5P13LD Miniature  
Ball Bearings Inch Series Bearings**



**Inch Series Bearings**

Detailed Specifications

|                                       |             |
|---------------------------------------|-------------|
| <b>Inch:</b>                          | Open        |
| <b>Bore Diameter:</b>                 | 12.700[mm]  |
| <b>Outside Diameter:</b>              | 28.575[mm]  |
| <b>Width:</b>                         | 6.350[mm]   |
| <b>Bore Diameter:</b>                 | 0.5000[in]  |
| <b>Outside Diameter:</b>              | 1.1250[in]  |
| <b>Width:</b>                         | 0.2500[in]  |
| <b>Fillet Radius (rsmin):</b>         | 0.410[mm]   |
| <b>Reference Diameter Inner (Li):</b> | 17.180[mm]  |
| <b>Reference Diameter Outer (Lo):</b> | 24.050[mm]  |
| <b>Ball Size (DW):</b>                | 4.763[mm]   |
| <b>Ball Complement (Z):</b>           | 8.000       |
| <b>Dynamic Load Rating (Cr):</b>      | 5113.000[N] |
| <b>Static Load Rating (Cor):</b>      | 2387.000[N] |
| <b>Fillet Radius (rsmin):</b>         | 0.016[in]   |
| <b>Reference Diameter Inner (Li):</b> | 0.676[in]   |
| <b>Reference Diameter Outer (Lo):</b> | 0.947[in]   |
| <b>Ball Size (DW):</b>                | 0.1875[in]  |
| <b>Dynamic Load Rating Cr:</b>        | 5113[N]     |
| <b>Static Load Rating Cor:</b>        | 2387[N]     |