

**order part DDRF-3RA5P25LD Miniature Ball  
Bearings Inch Series Bearings**



**Inch Series Bearings**

**Detailed Specifications**

|                                       |              |
|---------------------------------------|--------------|
| <b>Inch:</b>                          | Flanged Open |
| <b>Bore Diameter:</b>                 | 4.763[mm]    |
| <b>Outside Diameter:</b>              | 12.700[mm]   |
| <b>Width:</b>                         | 3.968[mm]    |
| <b>Bore Diameter:</b>                 | 0.1875[in]   |
| <b>Outside Diameter:</b>              | 0.5000[in]   |
| <b>Width:</b>                         | 0.1562[in]   |
| <b>Flange Diameter (D1):</b>          | 14.351[mm]   |
| <b>Flange Width (C1):</b>             | 1.067[mm]    |
| <b>Fillet Radius (rsmin):</b>         | 0.300[mm]    |
| <b>Reference Diameter Inner (Li):</b> | 7.000[mm]    |
| <b>Reference Diameter Outer (Lo):</b> | 10.490[mm]   |
| <b>Ball Size (DW):</b>                | 2.381[mm]    |
| <b>Ball Complement (Z):</b>           | 7.000        |
| <b>Dynamic Load Rating (Cr):</b>      | 1306.000[N]  |
| <b>Static Load Rating (Cor):</b>      | 487.000[N]   |
| <b>Flange Diameter (D1):</b>          | 0.5650[in]   |
| <b>Flange Width (C1):</b>             | 0.0420[in]   |
| <b>Fillet Radius (rsmin):</b>         | 0.012[in]    |
| <b>Reference Diameter Inner (Li):</b> | 0.276[in]    |
| <b>Reference Diameter Outer (Lo):</b> | 0.413[in]    |
| <b>Ball Size (DW):</b>                | 0.0938[in]   |
| <b>Dynamic Load Rating Cr:</b>        | 1306[N]      |
| <b>Static Load Rating Cor:</b>        | 487[N]       |