

**order part RIF-5532RA1P58LY Miniature Ball  
Bearings Inch Series Bearings**



**Inch Series Bearings**

## Detailed Specifications

|                                       |              |
|---------------------------------------|--------------|
| <b>Inch:</b>                          | Flanged Open |
| <b>Bore Diameter:</b>                 | 3.968[mm]    |
| <b>Outside Diameter:</b>              | 7.938[mm]    |
| <b>Width:</b>                         | 2.779[mm]    |
| <b>Bore Diameter:</b>                 | 0.1562[in]   |
| <b>Outside Diameter:</b>              | 0.3125[in]   |
| <b>Width:</b>                         | 0.1094[in]   |
| <b>Flange Diameter (D1):</b>          | 9.119[mm]    |
| <b>Flange Width (C1):</b>             | 0.584[mm]    |
| <b>Fillet Radius (rsmin):</b>         | 0.080[mm]    |
| <b>Reference Diameter Inner (Li):</b> | 5.620[mm]    |
| <b>Reference Diameter Outer (Lo):</b> | 7.080[mm]    |
| <b>Ball Size (DW):</b>                | 1.191[mm]    |
| <b>Ball Complement (Z):</b>           | 7.000        |
| <b>Dynamic Load Rating (Cr):</b>      | 391.000[N]   |
| <b>Static Load Rating (Cor):</b>      | 142.000[N]   |
| <b>Flange Diameter (D1):</b>          | 0.3590[in]   |
| <b>Flange Width (C1):</b>             | 0.0230[in]   |
| <b>Fillet Radius (rsmin):</b>         | 0.003[in]    |
| <b>Reference Diameter Inner (Li):</b> | 0.221[in]    |
| <b>Reference Diameter Outer (Lo):</b> | 0.279[in]    |
| <b>Ball Size (DW):</b>                | 0.0469[in]   |
| <b>Dynamic Load Rating Cr:</b>        | 391[N]       |
| <b>Static Load Rating Cor:</b>        | 142[N]       |