

**order part LF-520RA5P24L0 Miniature Ball  
Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

|                                       |              |
|---------------------------------------|--------------|
| <b>Metric:</b>                        | Flanged Open |
| <b>Bore Diameter:</b>                 | 2[mm]        |
| <b>Outside Diameter:</b>              | 5[mm]        |
| <b>Width:</b>                         | 1.5[mm]      |
| <b>Bore Diameter:</b>                 | 0.0787[in]   |
| <b>Outside Diameter:</b>              | 0.1969[in]   |
| <b>Width:</b>                         | 0.0591[in]   |
| <b>Flange Diameter (D1):</b>          | 6.1[mm]      |
| <b>Flange Width (C1):</b>             | 0.5[mm]      |
| <b>Fillet Radius (rsmin):</b>         | 0.08[mm]     |
| <b>Reference Diameter Inner (Li):</b> | 2.9[mm]      |
| <b>Reference Diameter Outer (Lo):</b> | 4[mm]        |
| <b>Ball Size (DW):</b>                | 0.794[mm]    |
| <b>Ball Complement (Z):</b>           | 7            |
| <b>Dynamic Load Rating (Cr):</b>      | 187[N]       |
| <b>Static Load Rating (Cor):</b>      | 59[N]        |
| <b>ISO/JIS Number:</b>                | F682         |
| <b>Flange Diameter (D1):</b>          | 0.2402[in]   |
| <b>Flange Width (C1):</b>             | 0.0197[in]   |
| <b>Fillet Radius (rsmin):</b>         | 0.003[in]    |
| <b>Reference Diameter Inner (Li):</b> | 0.114[in]    |
| <b>Reference Diameter Outer (Lo):</b> | 0.158[in]    |
| <b>Ball Size (DW):</b>                | 0.0313[in]   |
| <b>Dynamic Load Rating Cr:</b>        | 187[N]       |
| <b>Static Load Rating Cor:</b>        | 59[N]        |