

**order part LF-950ZZRA5P25L0 Miniature Ball  
Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

**Metric Bearing Series**

|                                       |                  |
|---------------------------------------|------------------|
| <b>Metric:</b>                        | Flanged Shielded |
| <b>Bore Diameter:</b>                 | 5[mm]            |
| <b>Outside Diameter:</b>              | 9[mm]            |
| <b>Width:</b>                         | 3[mm]            |
| <b>Bore Diameter:</b>                 | 0.1969[in]       |
| <b>Outside Diameter:</b>              | 0.3543[in]       |
| <b>Width:</b>                         | 0.1181[in]       |
| <b>Flange Diameter (D1):</b>          | 10.2[mm]         |
| <b>Flange Width (C1):</b>             | 0.6[mm]          |
| <b>Fillet Radius (rsmin):</b>         | 0.1[mm]          |
| <b>Reference Diameter Inner (Li):</b> | 6[mm]            |
| <b>Reference Diameter Outer (Lo):</b> | 8.04[mm]         |
| <b>Ball Size (DW):</b>                | 1.191[mm]        |
| <b>Ball Complement (Z):</b>           | 10               |
| <b>Dynamic Load Rating (Cr):</b>      | 495[N]           |
| <b>Static Load Rating (Cor):</b>      | 207[N]           |
| <b>Flange Diameter (D1):</b>          | 0.4016[in]       |
| <b>Flange Width (C1):</b>             | 0.0236[in]       |
| <b>Fillet Radius (rsmin):</b>         | 0.004[in]        |
| <b>Reference Diameter Inner (Li):</b> | 0.236[in]        |
| <b>Reference Diameter Outer (Lo):</b> | 0.317[in]        |
| <b>Ball Size (DW):</b>                | 0.0469[in]       |
| <b>Dynamic Load Rating Cr:</b>        | 495[N]           |
| <b>Static Load Rating Cor:</b>        | 207[N]           |