

**order part DDRF-1950ZZRA3P25LY**  
**Miniature Ball Bearings Metric Bearing**  
**Series**



**Metric Bearing Series**

## Detailed Specifications

|                                       |                  |
|---------------------------------------|------------------|
| <b>Metric:</b>                        | Flanged Shielded |
| <b>Bore Diameter:</b>                 | 5[mm]            |
| <b>Outside Diameter:</b>              | 19[mm]           |
| <b>Width:</b>                         | 6[mm]            |
| <b>Bore Diameter:</b>                 | 0.1969[in]       |
| <b>Outside Diameter:</b>              | 0.748[in]        |
| <b>Width:</b>                         | 0.2362[in]       |
| <b>Flange Diameter (D1):</b>          | 22[mm]           |
| <b>Flange Width (C1):</b>             | 1.5[mm]          |
| <b>Fillet Radius (rsmin):</b>         | 0.3[mm]          |
| <b>Reference Diameter Inner (Li):</b> | 8.67[mm]         |
| <b>Reference Diameter Outer (Lo):</b> | 16.26[mm]        |
| <b>Ball Size (DW):</b>                | 3.969[mm]        |
| <b>Ball Complement (Z):</b>           | 6                |
| <b>Dynamic Load Rating (Cr):</b>      | 2805[N]          |
| <b>Static Load Rating (Cor):</b>      | 1060[N]          |
| <b>ISO/JIS Number:</b>                | F635ZZ           |
| <b>Flange Diameter (D1):</b>          | 0.8661[in]       |
| <b>Flange Width (C1):</b>             | 0.0591[in]       |
| <b>Fillet Radius (rsmin):</b>         | 0.012[in]        |
| <b>Reference Diameter Inner (Li):</b> | 0.341[in]        |
| <b>Reference Diameter Outer (Lo):</b> | 0.64[in]         |
| <b>Ball Size (DW):</b>                | 0.1563[in]       |
| <b>Dynamic Load Rating Cr:</b>        | 2805[N]          |
| <b>Static Load Rating Cor:</b>        | 1060[N]          |