

**order part LF-1680RA1P58L0 Miniature Ball  
Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

### Metric Bearing Series

|                                       |              |
|---------------------------------------|--------------|
| <b>Metric:</b>                        | Flanged Open |
| <b>Bore Diameter:</b>                 | 8[mm]        |
| <b>Outside Diameter:</b>              | 16[mm]       |
| <b>Width:</b>                         | 4[mm]        |
| <b>Bore Diameter:</b>                 | 0.315[in]    |
| <b>Outside Diameter:</b>              | 0.6299[in]   |
| <b>Width:</b>                         | 0.1575[in]   |
| <b>Flange Diameter (D1):</b>          | 18[mm]       |
| <b>Flange Width (C1):</b>             | 1[mm]        |
| <b>Fillet Radius (rsmin):</b>         | 0.2[mm]      |
| <b>Reference Diameter Inner (Li):</b> | 10.3[mm]     |
| <b>Reference Diameter Outer (Lo):</b> | 13.4[mm]     |
| <b>Ball Size (DW):</b>                | 2.381[mm]    |
| <b>Ball Complement (Z):</b>           | 9            |
| <b>Dynamic Load Rating (Cr):</b>      | 1606[N]      |
| <b>Static Load Rating (Cor):</b>      | 712[N]       |
| <b>ISO/JIS Number:</b>                | F688         |
| <b>Flange Diameter (D1):</b>          | 0.7087[in]   |
| <b>Flange Width (C1):</b>             | 0.0394[in]   |
| <b>Fillet Radius (rsmin):</b>         | 0.008[in]    |
| <b>Reference Diameter Inner (Li):</b> | 0.406[in]    |
| <b>Reference Diameter Outer (Lo):</b> | 0.528[in]    |
| <b>Ball Size (DW):</b>                | 0.0938[in]   |
| <b>Dynamic Load Rating Cr:</b>        | 1606[N]      |
| <b>Static Load Rating Cor:</b>        | 712[N]       |