

**Miniature Bearings Metric**



**Metric series bearings**

## Detailed Specifications

|                                       |                  |
|---------------------------------------|------------------|
| <b>Metric:</b>                        | Flanged Shielded |
| <b>Bore Diameter:</b>                 | 3                |
| <b>Outside Diameter:</b>              | 9                |
| <b>Width:</b>                         | 5                |
| <b>Bore Diameter:</b>                 | 0.1181           |
| <b>Outside Diameter:</b>              | 0.3543           |
| <b>Width:</b>                         | 0.1969           |
| <b>Flange Diameter (D1):</b>          | 10.5             |
| <b>Flange Width (C1):</b>             | 1                |
| <b>Fillet Radius (rsmin):</b>         | 0.15             |
| <b>Reference Diameter Inner (Li):</b> | 4.8              |
| <b>Reference Diameter Outer (Lo):</b> | 7.64             |
| <b>Ball Size (DW):</b>                | 1.588            |
| <b>Ball Complement (Z):</b>           | 7                |
| <b>Dynamic Load Rating (Cr):</b>      | 634              |
| <b>Static Load Rating (Cor):</b>      | 219              |
| <b>ISO/JIS Number:</b>                | F603ZZ           |
| <b>Flange Diameter (D1):</b>          | 0.4134           |
| <b>Flange Width (C1):</b>             | 0.0394           |
| <b>Fillet Radius (rsmin):</b>         | 0.006            |
| <b>Reference Diameter Inner (Li):</b> | 0.189            |
| <b>Reference Diameter Outer (Lo):</b> | 0.301            |
| <b>Ball Size (DW):</b>                | 0.0625           |

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