

**order part 627 Miniature Ball Bearings  
Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

|                                       |            |
|---------------------------------------|------------|
| <b>Metric:</b>                        | Open       |
| <b>Bore Diameter:</b>                 | 7[mm]      |
| <b>Outside Diameter:</b>              | 22[mm]     |
| <b>Width:</b>                         | 7[mm]      |
| <b>Bore Diameter:</b>                 | 0.2756[in] |
| <b>Outside Diameter:</b>              | 0.8661[in] |
| <b>Width:</b>                         | 0.2756[in] |
| <b>Fillet Radius (rsmin):</b>         | 0.3[mm]    |
| <b>Reference Diameter Inner (Li):</b> | 10.8[mm]   |
| <b>Reference Diameter Outer (Lo):</b> | 19.1[mm]   |
| <b>Ball Size (DW):</b>                | 3.969[mm]  |
| <b>Ball Complement (Z):</b>           | 7          |
| <b>Dynamic Load Rating (Cr):</b>      | 3297[N]    |
| <b>Static Load Rating (Cor):</b>      | 1368[N]    |
| <b>ISO/JIS Number:</b>                | 627        |
| <b>Fillet Radius (rsmin):</b>         | 0.012[in]  |
| <b>Reference Diameter Inner (Li):</b> | 0.425[in]  |
| <b>Reference Diameter Outer (Lo):</b> | 0.752[in]  |
| <b>Ball Size (DW):</b>                | 0.1563[in] |
| <b>Dynamic Load Rating Cr:</b>        | 3297[N]    |
| <b>Static Load Rating Cor:</b>        | 1368[N]    |

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