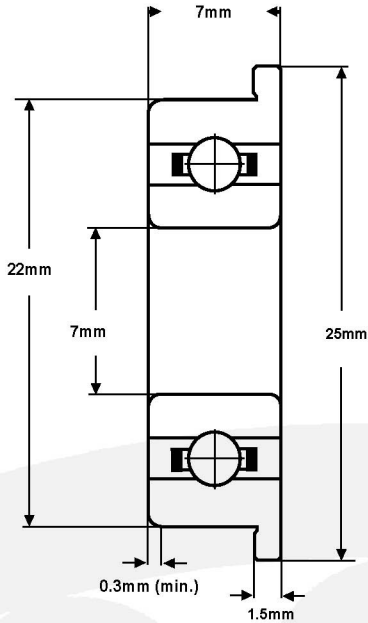


# Part Number: F627



|                                     |                        |
|-------------------------------------|------------------------|
| <b>Material (rings &amp; balls)</b> | SAE52100 chrome steel  |
| <b>Material (cage)</b>              | pressed steel          |
| <b>Closures</b>                     | None                   |
| <b>Load rating (stat)</b>           | 137 Kgf                |
| <b>Load rating (dyn)</b>            | 328 Kgf                |
| <b>Speed Limit *</b>                | 36,000 rpm             |
| <b>Standard Lubrication **</b>      | Aeroshell Fluid 12 oil |

\* with adequate lubrication  
 \*\* may vary

**These bearings comply with EU ROHS and REACH regulations.**

| RADIAL PLAY | MC1   | MC2   | MC3    | MC4    | MC5     | MC6     |
|-------------|-------|-------|--------|--------|---------|---------|
| (microns)   | 0 - 5 | 3 - 8 | 5 - 10 | 8 - 13 | 13 - 20 | 20 - 28 |

| TOLERANCE                    | P0             | P6             | P5            |
|------------------------------|----------------|----------------|---------------|
| <b>Bore Deviation</b>        | +0 / -0.008mm  | +0 / -0.007mm  | +0 / -0.005mm |
| <b>OD Deviation</b>          | +0 / -0.009mm  | +0 / -0.008mm  | +0 / -0.006mm |
| <b>Width Deviation</b>       | +0 / -0.120mm  | +0 / -0.120mm  | +0 / -0.040mm |
| <b>Single Bore Variation</b> | 10             | 9              | 5             |
| <b>Single OD Variation</b>   | 12             | 10             | 6             |
| <b>Inner Width Variation</b> | 15             | 15             | 5             |
| <b>Outer Width Variation</b> | 15             | 15             | 5             |
| <b>Inner Radial Runout</b>   | 10             | 6              | 4             |
| <b>Outer Radial Runout</b>   | 15             | 9              | 6             |
| <b>Flange OD Deviation</b>   | +0.125/-0.05mm | +0.125/-0.05mm | +0 / -0.025mm |
| <b>Fl. Width Deviation</b>   | +0 / -0.05mm   | +0 / -0.05mm   | +0 / -0.05mm  |