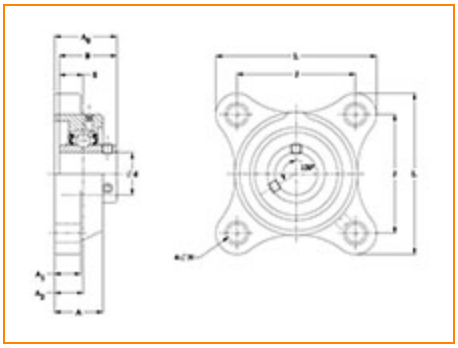
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# Part Number SUCPLF205-16-IP69K/FVSL613, Corrosion-Resistant Four-Bolt Flanged Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

## Specifications

| | |
|---|---|
| **Bore Size** | 1.0000 in |
| **Seal Type** | IP69K Seal |
| **Housing Material** | White Thermoplastic (Polymer) |
| **Lubrication Type** | Food Grade Solid Lube |
| **Bearing Number** | SUC205-16-IP69K/FVSL613 |
| **Locking Style** | Set Screw Locking |
| **Housing Construction** | Four-Bolt Square Flange |
| **Bearing Style** | Ball Bearing |

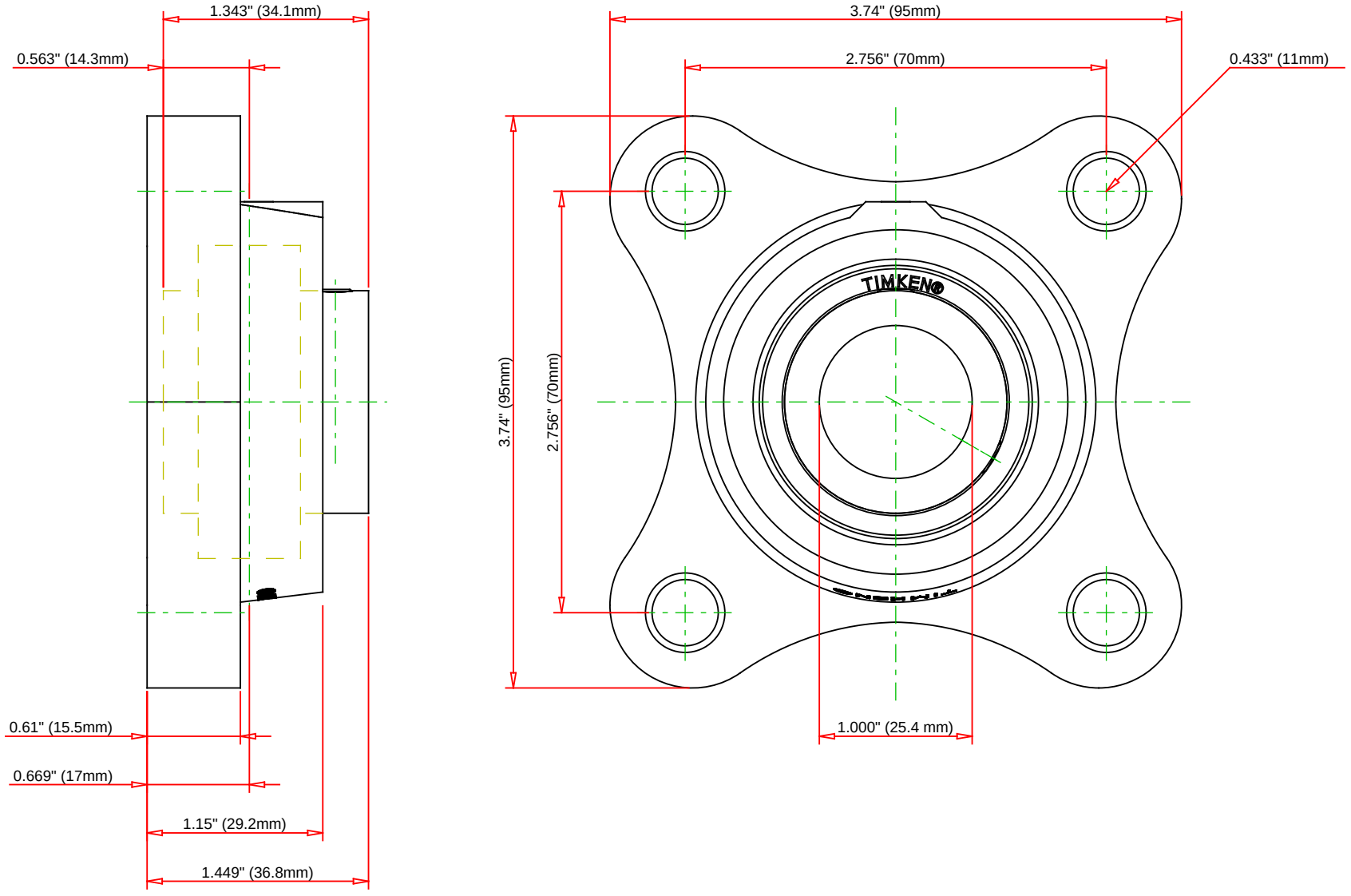
## Dimensions

| | |
|---|---|
| **Total Length L** | 3.740 in<br>95.0 mm |
| **Total Width A0** | 1.449 in<br>36.8 mm |
| **Total Height L** | 3.740 in<br>95.0 mm |
| **Bolt Hole Spacing J** | 2.756 in<br>70.0 mm |
| **Housing Width A** | 1.150 in<br>29.2 mm |
| **Bolt Hole Size N** | 0.433 in<br>11.0 mm |
| **Center of Bearing from Housing End A2** | 0.669 in<br>17.0 mm |
| **Center of Bearing from Bearing End S** | 0.563 in<br>14.3 mm |
| **Inner Ring Width B** | 1.343 in<br>34.1 mm |

## Basic Load Ratings

| | |
|---|---|
| **Dynamic Load Rating[1]** | 2676 lbf<br>11900 N |
| **Static Load Rating** | 1417 lbf<br>6300 N |

[1] Based on $90 \times 10^6$ revolutions $L_{10}$ life, for The Timken Company life calculation method. $C_{90}$ and $C_{a90}$ are radial and thrust values.




| | | | | | |
|---|---|---|---|---|---|
| Bearing Number | SUC205-16-IP69K/FVSL613 | | | | |
| Load Ratings - $C_r$ | 2676 | lbf | 11900 | N | |
| Load Ratings - $C_{0r}$ | 1417 | lbf | 6300 | N | |
| Lubrication Type | Food Grade Solid Lube | | | | |
| Housing Material | White Thermoplastic (Polymer) | | | | |

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

# SUCPLF205-16-IP69K/FVSL613

Corrosion-Resistant Four-Bolt Flanged Mounted Bearings - Set Screw Locking

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

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