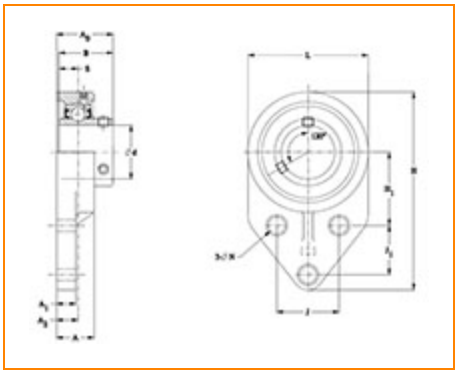
**The Timken Company**
4500 Mt Pleasant St. NW
N. Canton, OH 44720
**Phone:** (234) 262-3000
**E-Mail:** CustomerCAD@timken.com • **Web site:** www.timken.com

# Part Number SUCPLFB204-12-IP69K/FVSL613, Corrosion-Resistant Three-Bolt Flanged Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

## Specifications

| | |
|---|---|
| **Bore Size** | 0.7500 in |
| **Seal Type** | IP69K Seal |
| **Housing Material** | White Thermoplastic (Polymer) |
| **Bearing Number** | SUC204-12-IP69K/FVSL613 |
| **Lubrication Type** | Food Grade Solid Lube |
| **Locking Style** | Set Screw Locking |
| **Housing Construction** | Three-Bolt Flange |
| **Bearing Style** | Ball Bearing |

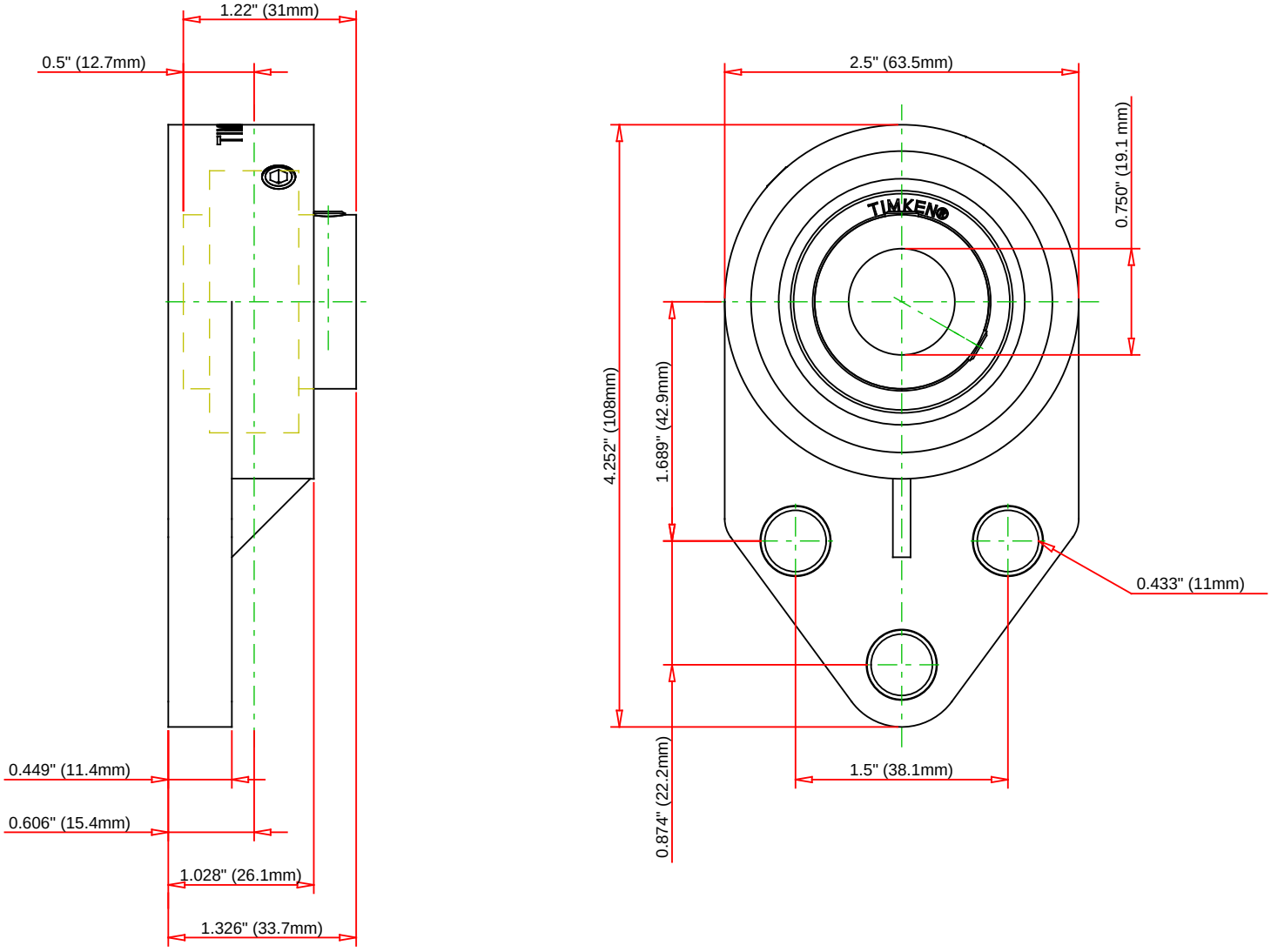
## Dimensions

| | |
|---|---|
| **Total Length L** | 2.500 in<br>63.5 mm |
| **Total Height H** | 4.252 in<br>108.0 mm |
| **Total Width A0** | 1.326 in<br>33.7 mm |
| **Bolt Hole Spacing J** | 1.500 in<br>38.1 mm |
| **Bolt Hole Size N** | 0.433 in<br>11.0 mm |
| **Flange Thickness A1** | 0.449 in<br>11.4 mm |
| **Housing Width A** | 1.028 in<br>26.1 mm |
| **Dimension A2** | 0.606 in<br>15.4 mm |
| **Dimension H1** | 1.689 in<br>42.9 mm |
| **Dimension J1** | 0.874 in<br>22.2 mm |
| **Center of Bearing from Bearing End S** | 0.500 in<br>12.7 mm |
| **Inner Ring Width B** | 1.220 in<br>31.0 mm |

## Basic Load Ratings

| | |
|---|---|
| **Dynamic Load Rating[1]** | 2451 lbf<br>10900 N |
| **Static Load Rating** | 1203 lbf<br>5350 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 | SUC204-12-IP69K/FVSL613 | | | | |
| Load Ratings - $C_r$ | 2451 | lbf | 10900 | N | |
| Load Ratings - $C_{0r}$ | 1203 | lbf | 5350 | N | |
| Lubrication Type | Food Grade Solid Lube | | | | |
| Housing Material | White Thermoplastic (Polymer) | | | | |

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

# SUCPLFB204-12-IP69K/FVSL613

Corrosion-Resistant Three-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.

FOR DISCUSSION ONLY