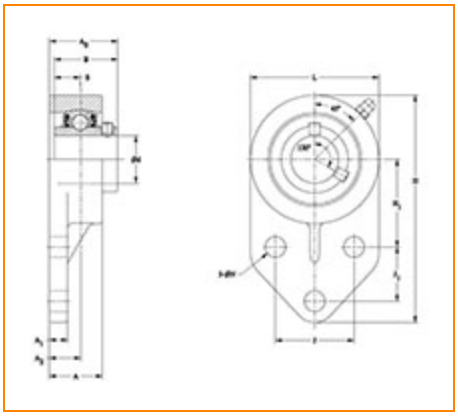
**The Timken Company**
4500 Mt Pleasant St. NW
N. Canton, OH 44720
**Phone:** (234) 262-3000
**E-Mail:** CustomerCAD@timken.com • **Web site:** www.timken.com

# Part Number SUCSFB208-24-IP69K/F, Corrosion-Resistant Three-Bolt Flanged Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

## Specifications

| | |
|---|---|
| **Bore Size** | 1 1/2 in |
| **Seal Type** | IP69K Seal |
| **Housing Material** | Cast Stainless Steel |
| **Bearing Number** | SUC208-24-IP69K/F |
| **Lubrication Type** | Standard Food Safe Grease |
| **Locking Style** | Set Screw Locking |
| **Housing Construction** | Three-Bolt Flange |
| **Bearing Style** | Ball Bearing |

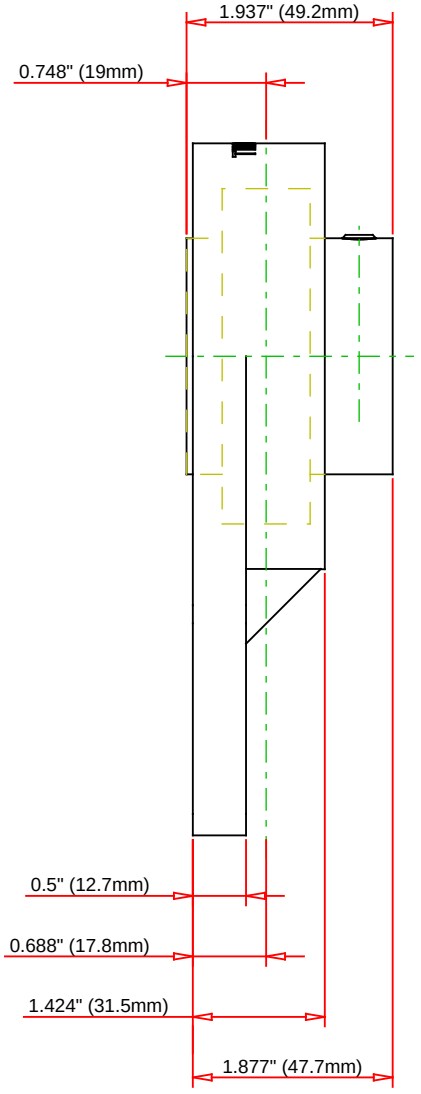
## Dimensions

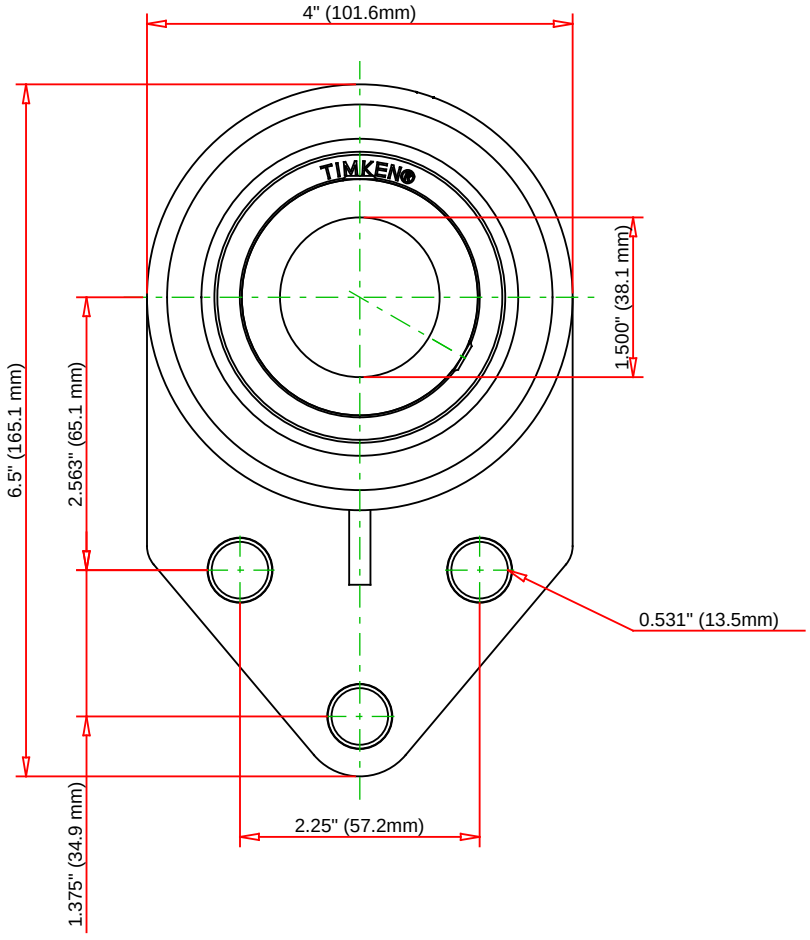
| | |
|---|---|
| **Total Length L** | 4.000 in<br>101.6 mm |
| **Total Height H** | 6.500 in<br>165.1 mm |
| **Total Width A0** | 1.877 in<br>47.7 mm |
| **Bolt Hole Spacing J** | 2.250 in<br>57.2 mm |
| **Bolt Hole Size N** | 0.531 in<br>13.5 mm |
| **Flange Thickness A1** | 0.500 in<br>12.7 mm |
| **Housing Width A** | 1.240 in<br>31.5 mm |
| **Dimension A2** | 0.688 in<br>17.5 mm |
| **Dimension H1** | 2.563 in<br>65.1 mm |
| **Dimension J1** | 1.375 in<br>34.9 mm |
| **Center of Bearing from Bearing End S** | 0.748 in<br>19.0 mm |
| **Inner Ring Width B** | 1.937 in<br>49.2 mm |

## Basic Load Ratings

| | |
|---|---|
| **Dynamic Load Rating[1]** | 5576 lbf<br>24800 N |
| **Static Load Rating** | 3215 lbf<br>14300 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 | SUC208-24-IP69K/F | | | | |
| Load Ratings - $C_r$ | 5576 | lbf | 24800 | N | |
| Load Ratings - $C_{0r}$ | 3215 | lbf | 14300 | N | |
| Lubrication Type | Standard Food Safe Grease | | | | |
| Housing Material | Cast Stainless Steel | | | | |

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

# SUCSFB208-24-IP69K/F

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