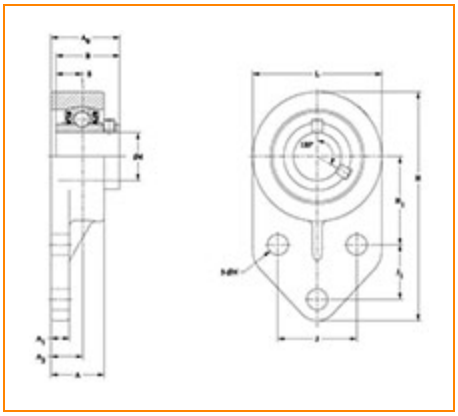
**The Timken Company**
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# Part Number SUCSFB207-20-IP69K/FVSL613, Corrosion-Resistant Three-Bolt Flanged Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

## Specifications

| | |
|---|---|
| **Bore Size** | 1 1/4 in |
| **Seal Type** | IP69K Seal |
| **Housing Material** | Cast Stainless Steel |
| **Bearing Number** | SUC207-20-IP69K/FVSL613 |
| **Lubrication Type** | Food Grade Solid Lube |
| **Locking Style** | Set Screw Locking |
| **Housing Construction** | Three-Bolt Flange |
| **Bearing Style** | Ball Bearing |

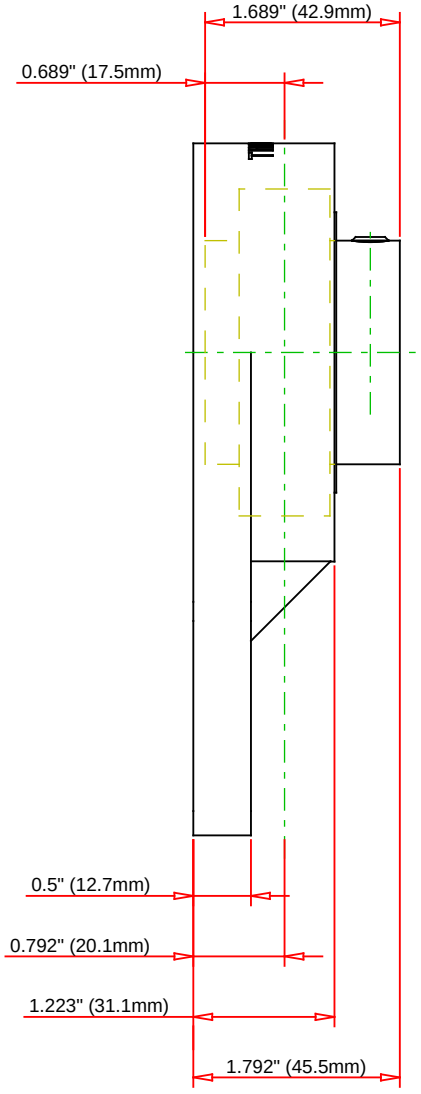
## Dimensions

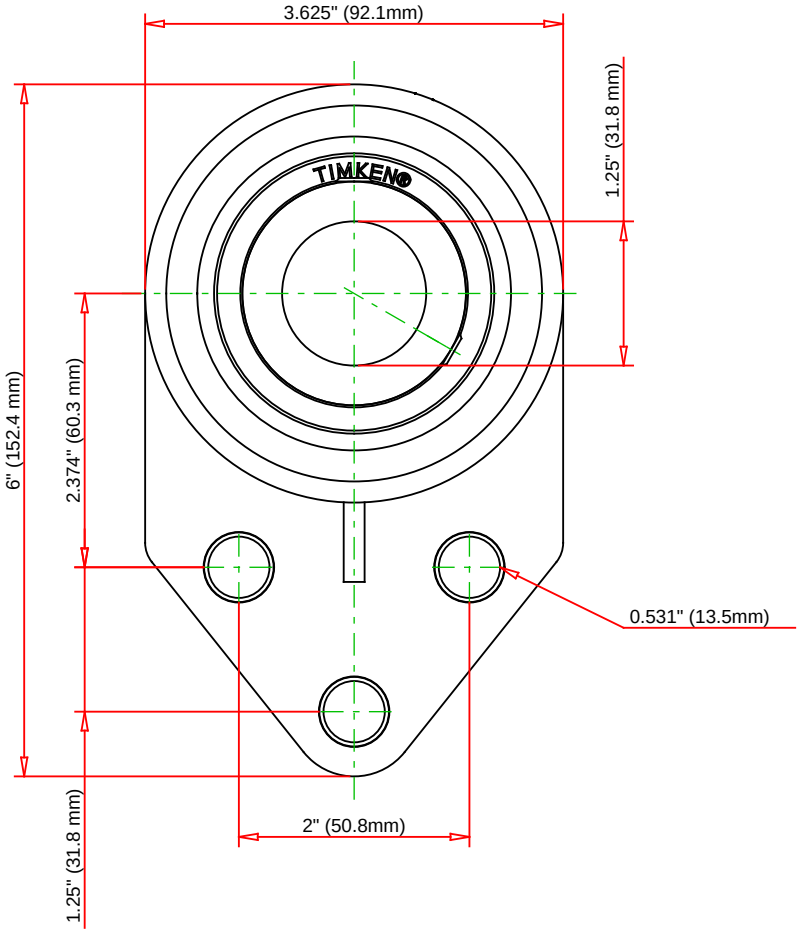
| | |
|---|---|
| **Total Length L** | 3.626 in<br>92.1 mm |
| **Total Height H** | 6.000 in<br>152.4 mm |
| **Total Width A0** | 1.792 in<br>45.5 mm |
| **Bolt Hole Spacing J** | 2.000 in<br>50.8 mm |
| **Bolt Hole Size N** | 0.531 in<br>13.5 mm |
| **Flange Thickness A1** | 0.500 in<br>12.7 mm |
| **Housing Width A** | 1.223 in<br>31.1 mm |
| **Dimension A2** | 0.792 in<br>20.1 mm |
| **Dimension H1** | 2.375 in<br>60.3 mm |
| **Dimension J1** | 1.250 in<br>31.8 mm |
| **Center of Bearing from Bearing End S** | 0.689 in<br>17.5 mm |
| **Inner Ring Width B** | 1.689 in<br>42.9 mm |

## Basic Load Ratings

| | |
|---|---|
| **Dynamic Load Rating[1]** | 4901 lbf<br>21800 N |
| **Static Load Rating** | 2766 lbf<br>12300 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 | SUC207-20-IP69K/FVSL613 | | | | |
| Load Ratings - $C_r$ | 4901 | lbf | 21800 | N | |
| Load Ratings - $C_{0r}$ | 2766 | lbf | 12300 | N | |
| Lubrication Type | Food Grade Solid Lube | | | | |
| Housing Material | Cast Stainless Steel | | | | |

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

# SUCSFB207-20-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