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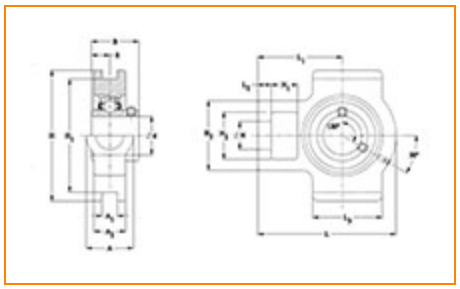
# Part Number SUCST207-23-IP69K/FVSL613, Corrosion-Resistant Take-Up Mounted Bearings - Set Screw Locking



Specifications | Dimensions | Basic Load Ratings

## Specifications

| | |
|---|---|
| **Bore Size** | 1 7/16 in |
| **Seal Type** | IP69K Seal |
| **Housing Material** | Cast Stainless Steel |
| **Bearing Number** | SUC207-23-IP69K/FVSL613 |
| **Lubrication Type** | Food Grade Solid Lube |
| **Locking Style** | Set Screw Locking |
| **Housing Construction** | Take-Up |
| **Bearing Style** | Ball Bearing |

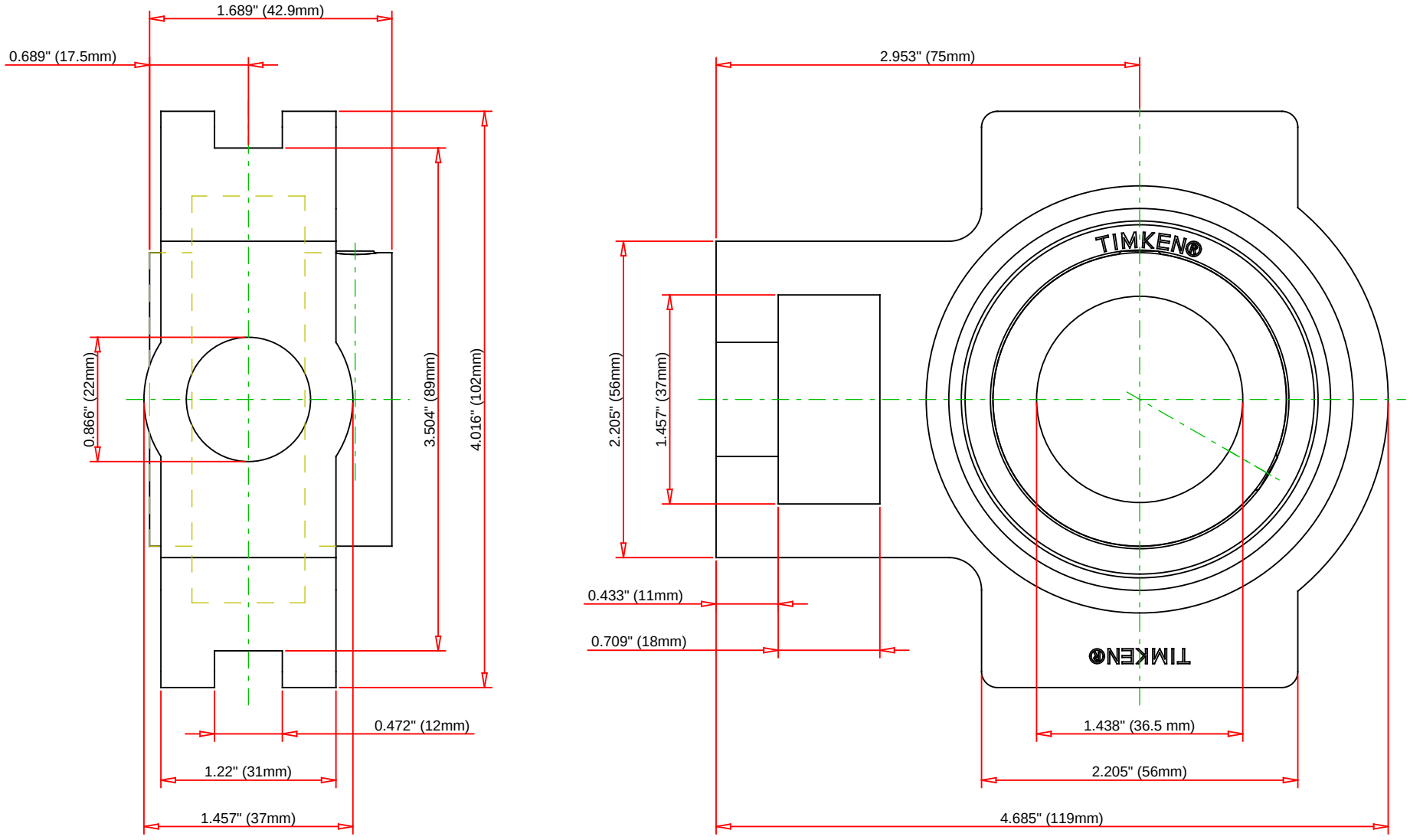
## Dimensions

| | |
|---|---|
| **Total Length L** | 4.685 in<br>119.0 mm |
| **Total Height H** | 4.016 in<br>102.0 mm |
| **Adjustment Screw Bore N** | 0.866 in<br>22.0 mm |
| **Openinig Width N1** | 0.709 in<br>18.0 mm |
| **Openinig Width N2** | 1.457 in<br>37.0 mm |
| **Slot Width A1** | 0.472 in<br>12.0 mm |
| **Pitch Height H1** | 3.504 in<br>89.0 mm |
| **Height H2** | 2.205 in<br>56.0 mm |
| **Shaft Length L1** | 2.953 in<br>75.0 mm |
| **Dimension L2** | 0.433 in<br>11.0 mm |
| **Slot Length L3** | 2.205 in<br>56.0 mm |
| **Socket Width A2** | 1.220 in<br>31.0 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 | SUC207-23-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

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NORTH CANTON, OHIO USA

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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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