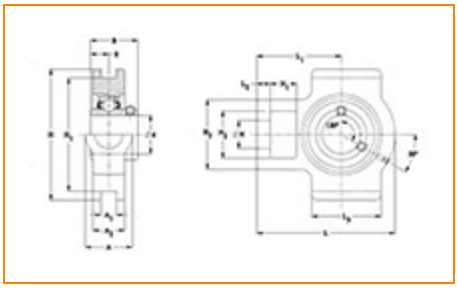
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number SUCST210-IP69K/FVSL613, Corrosion-Resistant Take-Up Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size	50 mm
Seal Type	IP69K Seal
Housing Material	Cast Stainless Steel
Bearing Number	SUC210-IP69K/FVSL613
Lubrication Type	Food Grade Solid Lube
Locking Style	Set Screw Locking
Housing Construction	Take-Up
Bearing Style	Ball Bearing

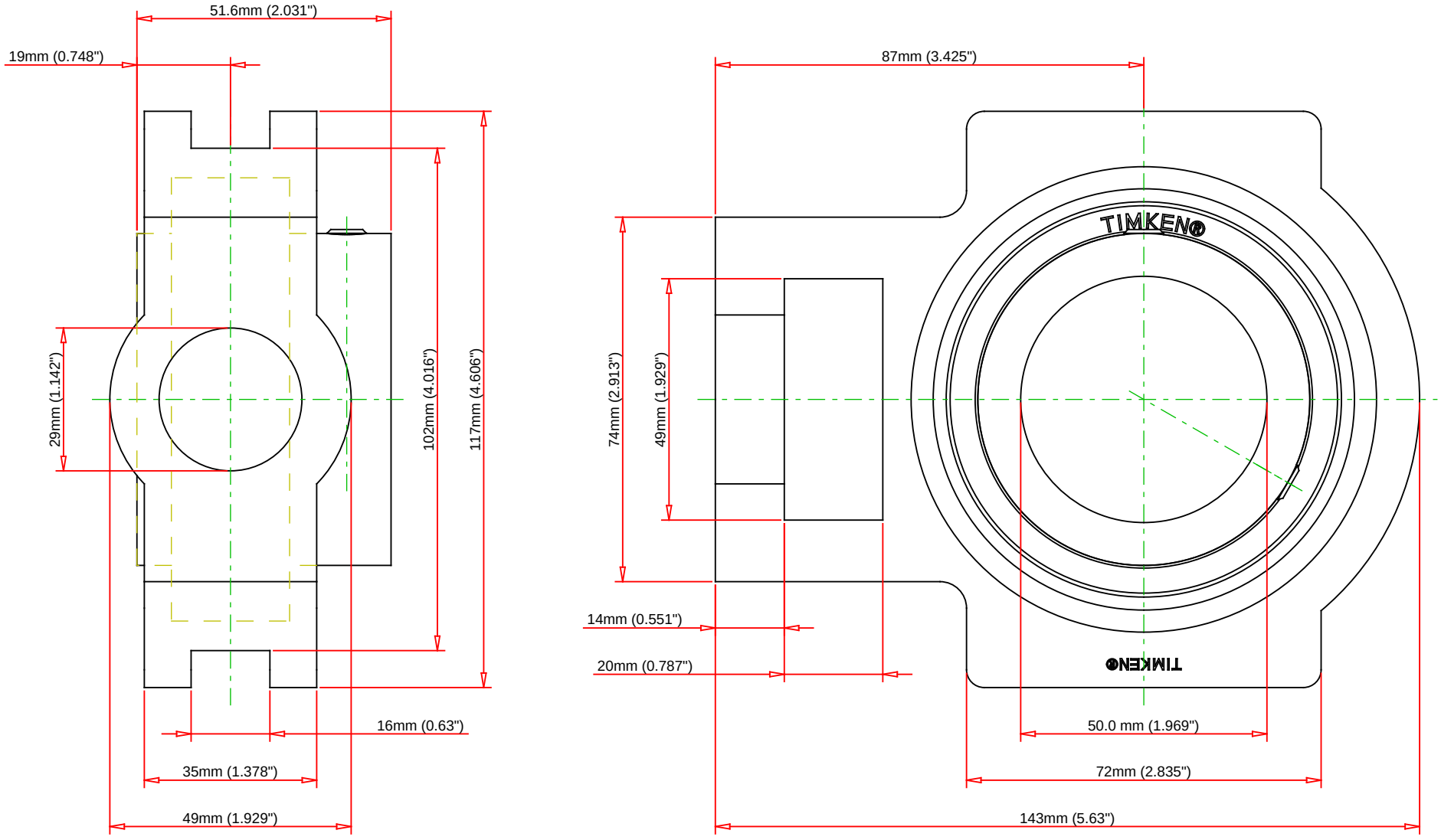
Dimensions

Total Length L	5.630 in 143.0 mm
Total Height H	4.606 in 117.0 mm
Adjustment Screw Bore N	1.142 in 29.0 mm
Openinig Width N1	0.787 in 20.0 mm
Openinig Width N2	1.929 in 49.0 mm
Slot Width A1	0.630 in 16.0 mm
Pitch Height H1	4.016 in 102.0 mm
Height H2	2.913 in 74.0 mm
Shaft Length L1	3.425 in 87.0 mm
Dimension L2	0.551 in 14.0 mm
Slot Length L3	2.835 in 72.0 mm
Socket Width A2	1.378 in 35.0 mm
Center of Bearing from Bearing End S	0.748 in 19 mm
Inner Ring Width B	2.031 in 51.6 mm

Basic Load Ratings

Dynamic Load Rating[1]	6700 lbf 29800 N
Static Load Rating	4182 lbf 18600 N

[1] Based on 90 x 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	SUC210-IP69K/FVSL613				
Load Ratings - C_r	6700	lbf	29800	N	
Load Ratings - C_{0r}	4182	lbf	18600	N	
Lubrication Type	Food Grade Solid Lube				
Housing Material	Cast Stainless Steel				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SUCST210-IP69K/FVSL613

Corrosion-Resistant Take-Up 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