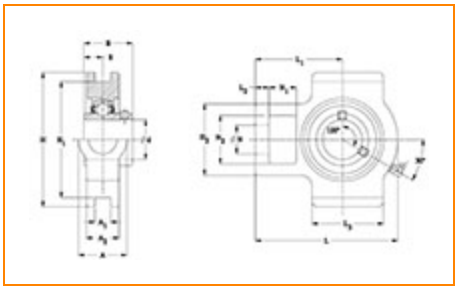
The Timken Company
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N. Canton, OH 44720
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Part Number SUCST209-27-IP69K/F, Corrosion-Resistant Take-Up Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size	1 11/16 in
Seal Type	IP69K Seal
Housing Material	Cast Stainless Steel
Bearing Number	SUC209-27-IP69K/F
Lubrication Type	Standard Food Safe Grease
Locking Style	Set Screw Locking
Housing Construction	Take-Up
Bearing Style	Ball Bearing

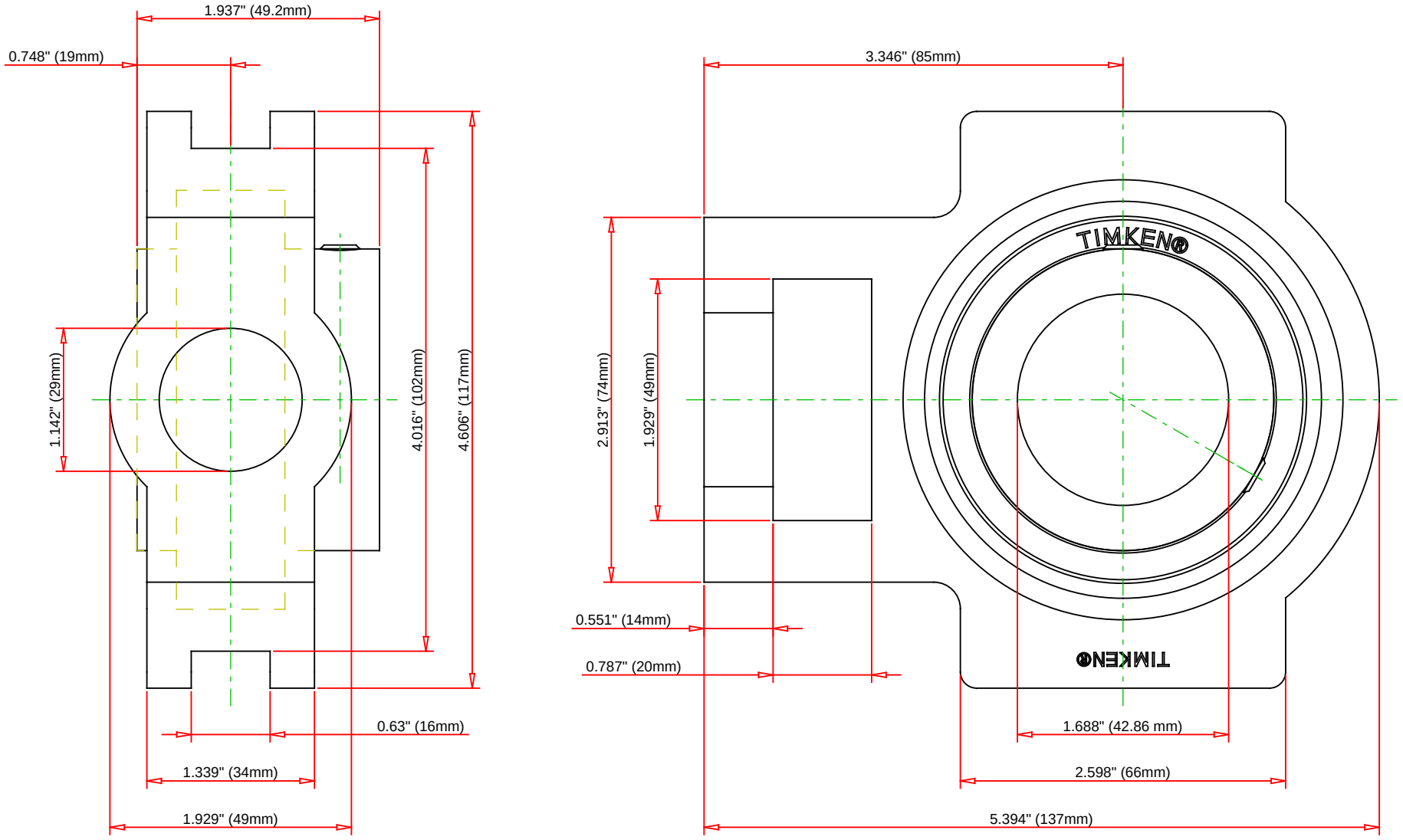
Dimensions

Total Length L	5.394 in 137.0 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	3.346 in 85.0 mm
Dimension L2	0.551 in 14.0 mm
Slot Length L3	2.598 in 66.0 mm
Socket Width A2	1.339 in 34.0 mm
Center of Bearing from Bearing End S	0.748 in 19 mm
Inner Ring Width B	1.937 in 49.2 mm

Basic Load Ratings

Dynamic Load Rating[1]	6250 lbf 27800 N
Static Load Rating	3642 lbf 16200 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	SUC209-27-IP69K/F				
Load Ratings - C_r	6250	lbf	27800	N	
Load Ratings - C_{0r}	3642	lbf	16200	N	
Lubrication Type	Standard Food Safe Grease				
Housing Material	Cast Stainless Steel				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SUCST209-27-IP69K/F

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