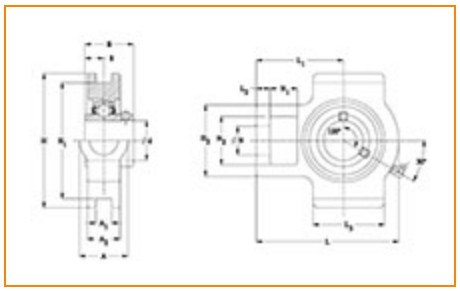
The Timken Company
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N. Canton, OH 44720
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Part Number SUCST205-16-IP69K/F, Corrosion-Resistant Take-Up Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size	1.0000 in
Seal Type	IP69K Seal
Housing Material	Cast Stainless Steel
Bearing Number	SUC205-16-IP69K/F
Lubrication Type	Standard Food Safe Grease
Locking Style	Set Screw Locking
Housing Construction	Take-Up
Bearing Style	Ball Bearing

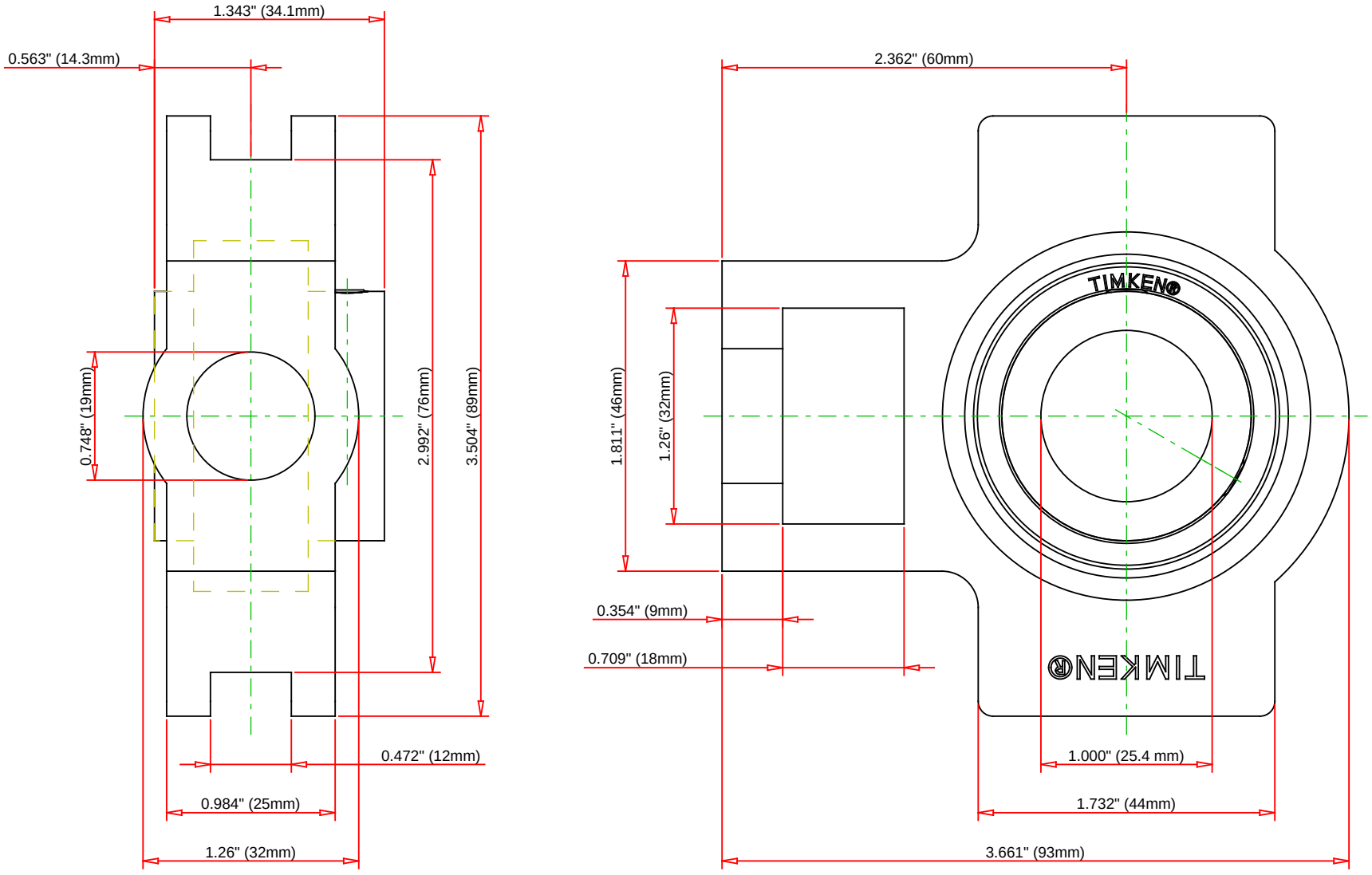
Dimensions

Total Length L	3.661 in 93.0 mm
Total Height H	3.504 in 89.0 mm
Adjustment Screw Bore N	0.748 in 19.0 mm
Openinig Width N1	0.709 in 18.0 mm
Openinig Width N2	1.260 in 32.0 mm
Slot Width A1	0.472 in 12.0 mm
Pitch Height H1	2.992 in 76.0 mm
Height H2	1.811 in 46.0 mm
Shaft Length L1	2.362 in 60.0 mm
Dimension L2	0.354 in 9.0 mm
Slot Length L3	1.732 in 44.0 mm
Socket Width A2	0.984 in 25.0 mm
Center of Bearing from Bearing End S	0.563 in 14.3 mm
Inner Ring Width B	1.343 in 34.1 mm

Basic Load Ratings

Dynamic Load Rating[1]	2676 lbf 11900 N
Static Load Rating	1417 lbf 6300 N

[1] Based on 90×10^6 revolutions L_{10} life, for The Timken Company life calculation method. C_{90} and C_{a90} are radial and thrust values.



Bearing Number	SUC205-16-IP69K/F				
Load Ratings - C_r	2676	lbf	11900	N	
Load Ratings - C_{0r}	1417	lbf	6300	N	
Lubrication Type	Standard Food Safe Grease				
Housing Material	Cast Stainless Steel				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SUCST205-16-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