The Timken Company
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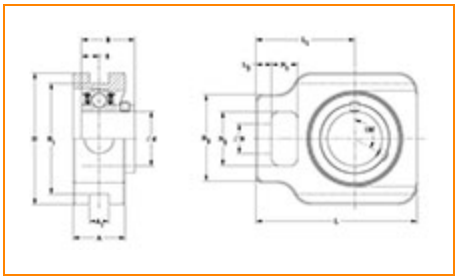
Part Number SUCAT210-IP69K/FVSL613, Corrosion-Resistant Take-Up Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size	50 mm
Seal Type	IP69K Seal
Housing Material	Machined 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

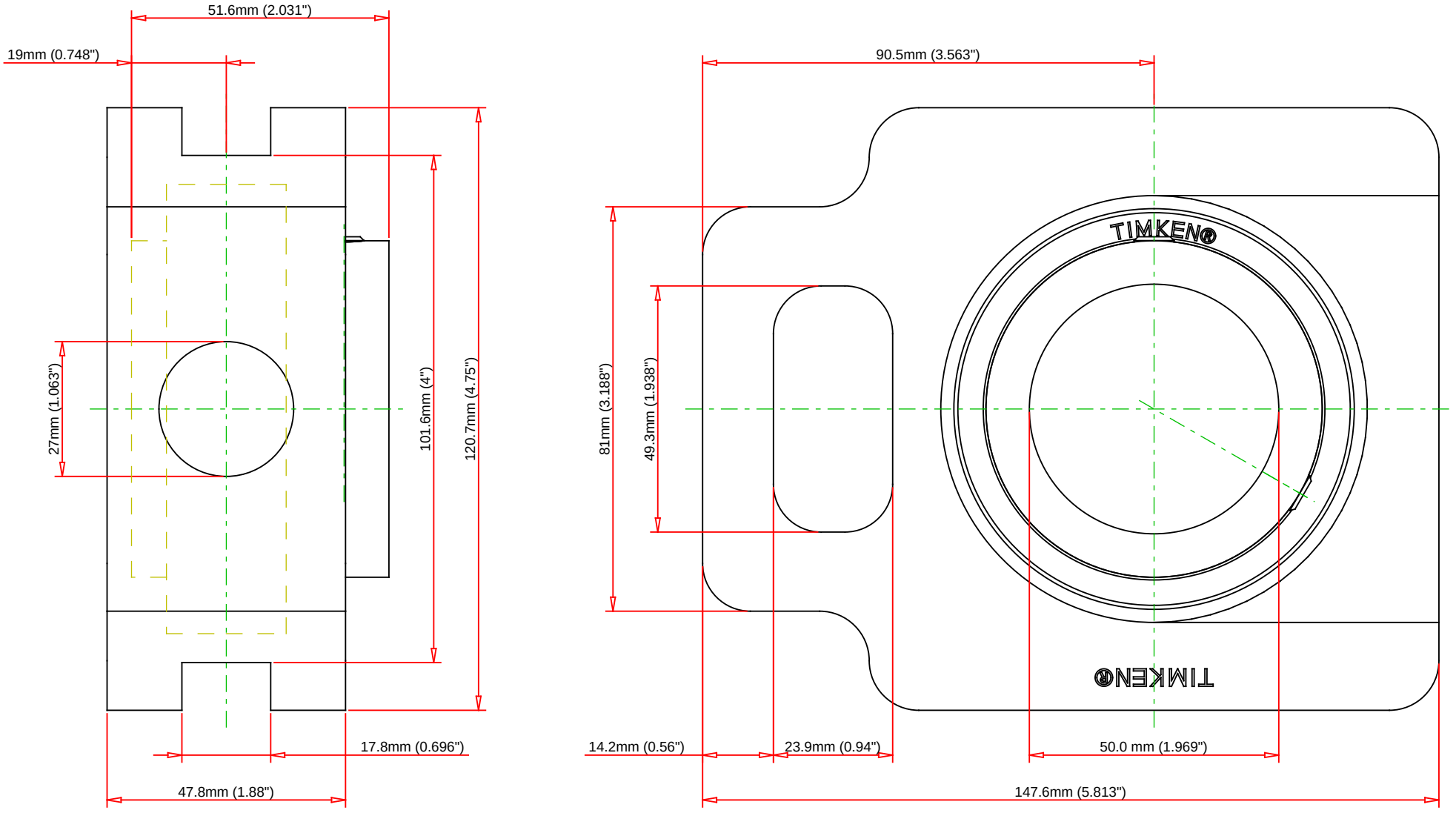
Dimensions

Total Length L	5.813 in 147.6 mm
Total Height H	4.750 in 120.7 mm
Adjustment Screw Bore N	1.063 in 27.0 mm
Openinig Width N1	0.940 in 23.9 mm
Openinig Width N2	1.938 in 49.3 mm
Slot Width A1	0.696 in 17.8 mm
Pitch Height H1	4.000 in 101.6 mm
Height H2	3.188 in 81.0 mm
Shaft Length L1	3.563 in 90.5 mm
Dimension L2	0.560 in 14.2 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 90×10^6 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	Machined Stainless Steel				

TIMKEN

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NORTH CANTON, OHIO USA

SUCAT210-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