The Timken Company
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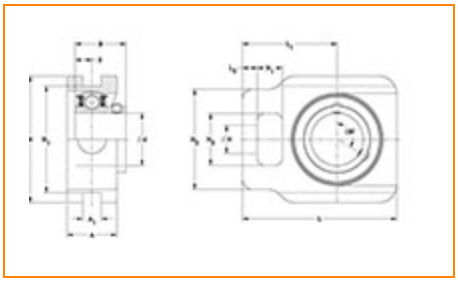
Part Number SUCBT209-27-IP69K/FVSL613, Corrosion-Resistant Take-Up Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size	1 11/16 in
Seal Type	IP69K Seal
Housing Material	Blue Thermoset (Polymer)
Bearing Number	SUC209-27-IP69K/FVSL613
Lubrication Type	Food Grade Solid Lube
Locking Style	Set Screw Locking
Housing Construction	Take-Up
Bearing Style	Ball Bearing

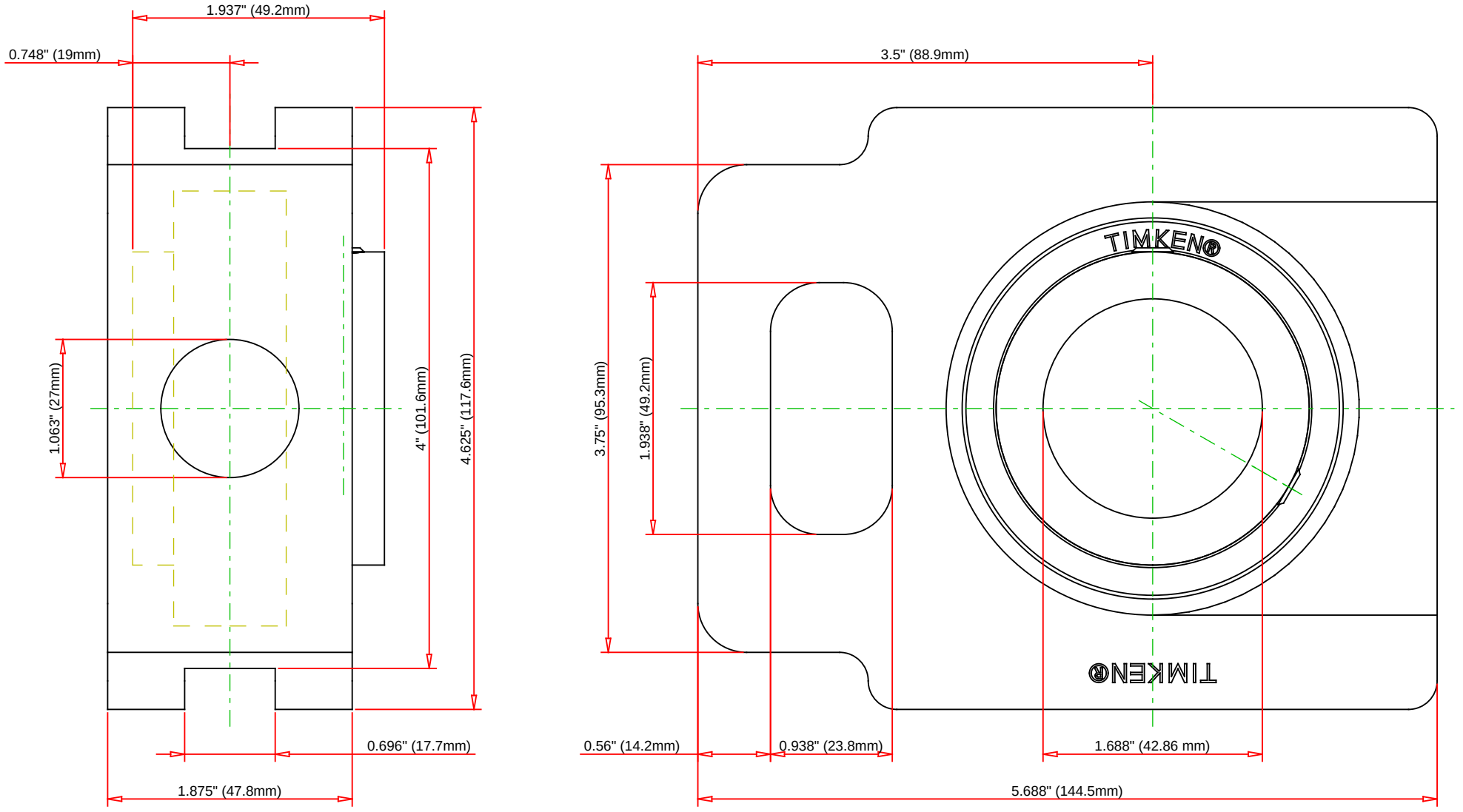
Dimensions

Total Length L	5.688 in 144.5 mm
Total Height H	4.625 in 117.6 mm
Adjustment Screw Bore N	1.063 in 27.0 mm
Openinig Width N1	0.938 in 23.8 mm
Openinig Width N2	1.938 in 49.2 mm
Slot Width A1	0.696 in 17.7 mm
Pitch Height H1	4.000 in 101.6 mm
Height H2	3.750 in 95.3 mm
Shaft Length L1	3.500 in 88.9 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	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 90×10^6 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/FVSL613				
Load Ratings - C_r	6250	lbf	27800	N	
Load Ratings - C_{0r}	3642	lbf	16200	N	
Lubrication Type	Food Grade Solid Lube				
Housing Material	Blue Thermoset (Polymer)				

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

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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.

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