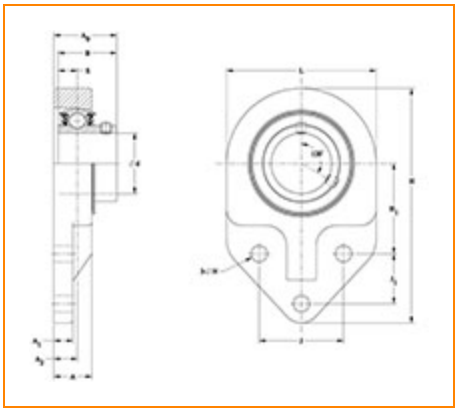
The Timken Company
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N. Canton, OH 44720
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Part Number SUCBFB210-31-IP69K/FVSL613, Corrosion-Resistant Three-Bolt Flanged Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size	1 15/16 in
Seal Type	IP69K Seal
Housing Material	Blue Thermoset (Polymer)
Bearing Number	SUC210-31-IP69K/FVSL613
Lubrication Type	Food Grade Solid Lube
Locking Style	Set Screw Locking
Housing Construction	Three-Bolt Flange
Bearing Style	Ball Bearing

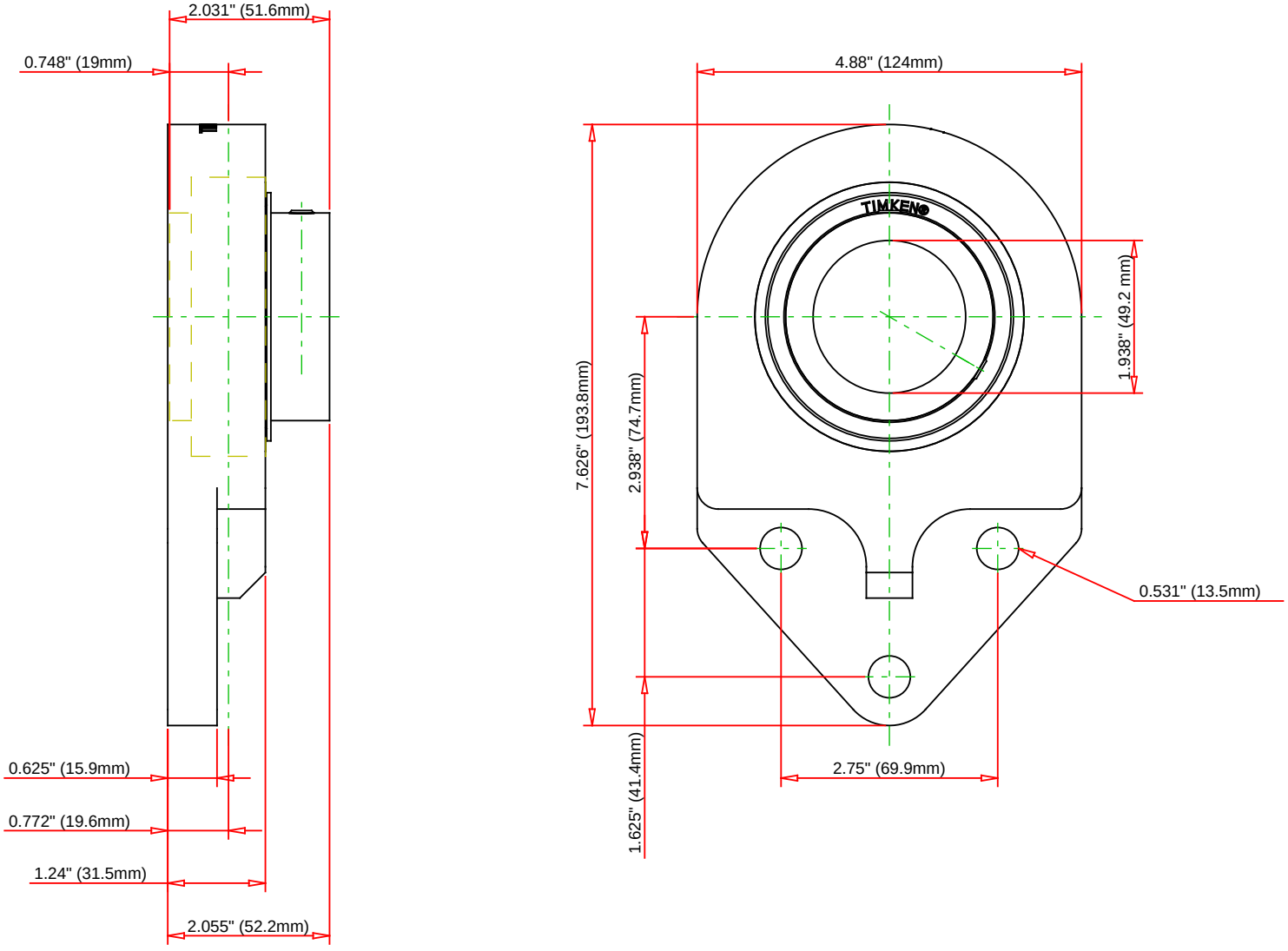
Dimensions

Total Length L	4.880 in 124.0 mm
Total Height H	7.626 in 193.8 mm
Total Width A0	2.055 in 52.2 mm
Bolt Hole Spacing J	2.750 in 69.9 mm
Bolt Hole Size N	0.531 in 13.5 mm
Flange Thickness A1	0.625 in 15.9 mm
Housing Width A	1.240 in 31.5 mm
Dimension A2	0.772 in 19.6 mm
Dimension H1	2.938 in 74.7 mm
Dimension J1	1.625 in 41.4 mm
Center of Bearing from Bearing End S	0.748 in 19.0 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	SUC210-31-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	Blue Thermoset (Polymer)				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SUCBFB210-31-IP69K/FVSL613

Corrosion-Resistant Three-Bolt Flanged 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