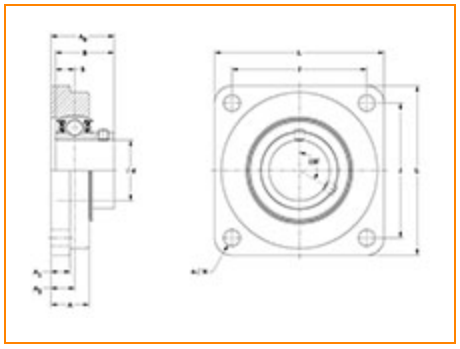
The Timken Company
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N. Canton, OH 44720
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Part Number SUCBF209-27-IP69K/FVSL613, Corrosion-Resistant Four-Bolt Flanged Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

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

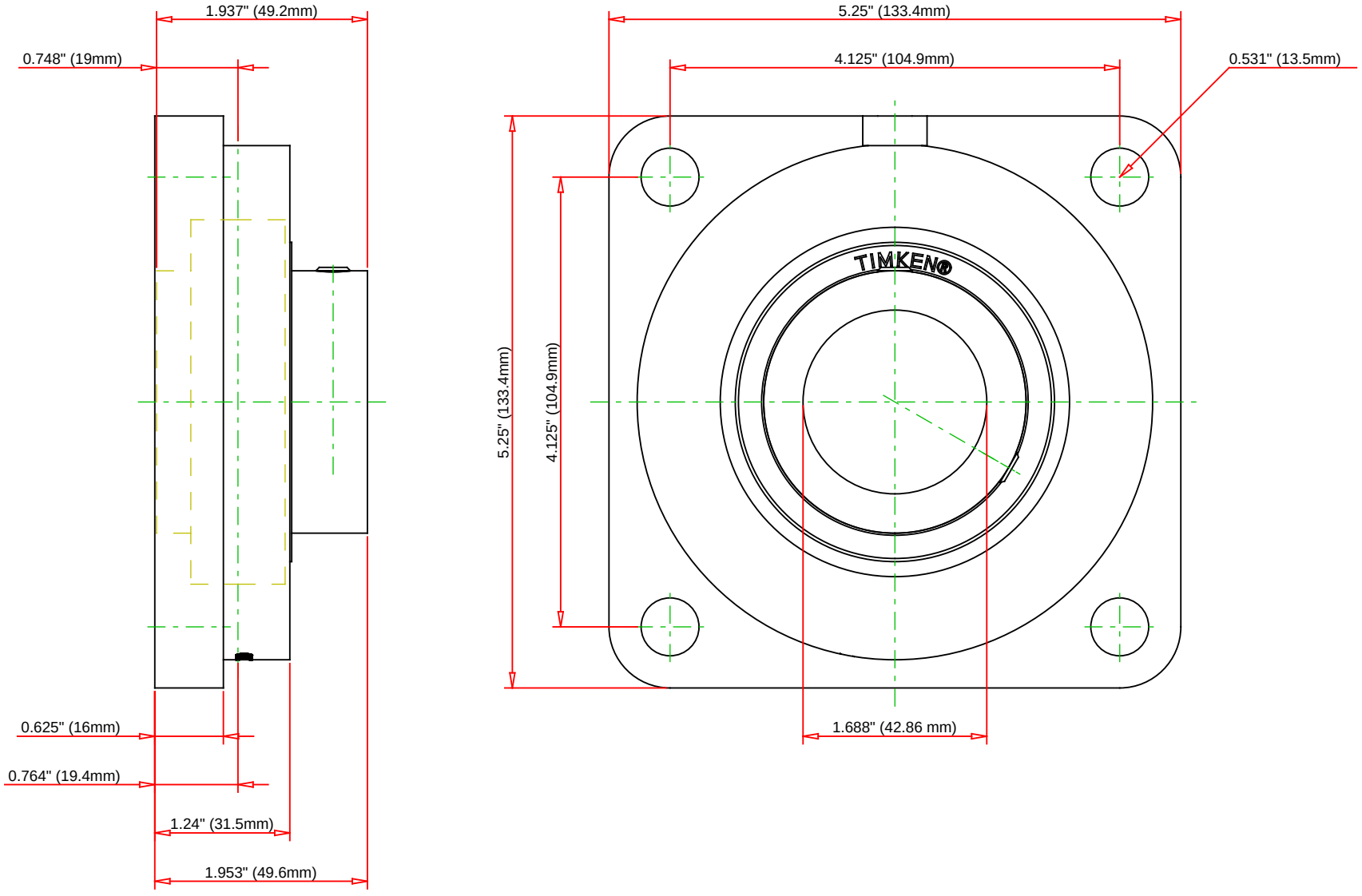
Dimensions

Total Length L	5.250 in 133.4 mm
Total Width A0	1.953 in 49.6 mm
Total Height L	5.250 in 133.4 mm
Bolt Hole Spacing J	4.125 in 104.9 mm
Housing Width A	1.240 in 31.5 mm
Bolt Hole Size N	0.531 in 13.5 mm
Center of Bearing from Housing End A2	0.764 in 19.4 mm
Center of Bearing from Bearing End S	0.748 in 19.0 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

SUCBF209-27-IP69K/FVSL613

Corrosion-Resistant Four-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