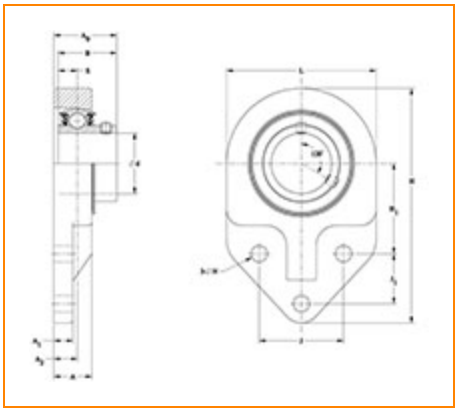
The Timken Company
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Part Number SUCBFB205-16-IP69K/F, Corrosion-Resistant Three-Bolt Flanged Mounted Bearings - Set Screw Locking





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size	1.0000 in
Seal Type	IP69K Seal
Housing Material	Blue Thermoset (Polymer)
Bearing Number	SUC205-16-IP69K/F
Lubrication Type	Standard Food Safe Grease
Locking Style	Set Screw Locking
Housing Construction	Three-Bolt Flange
Bearing Style	Ball Bearing

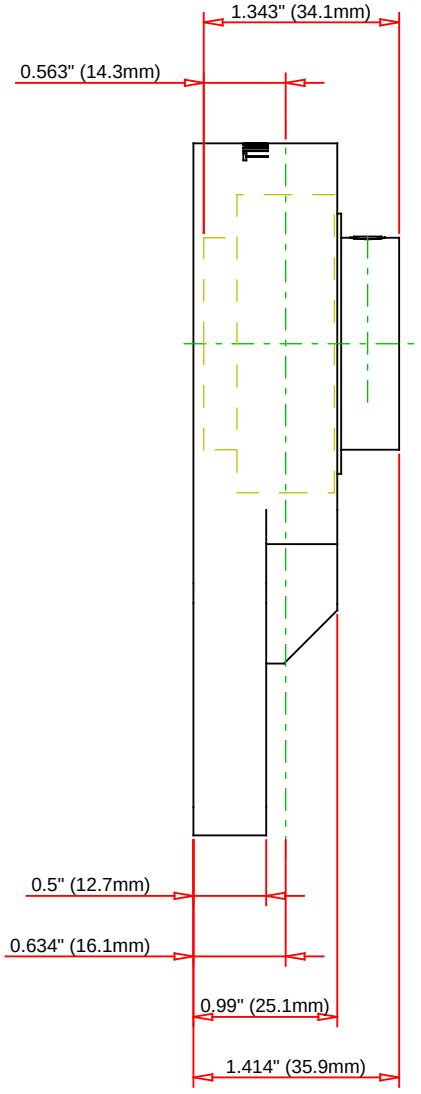
Dimensions

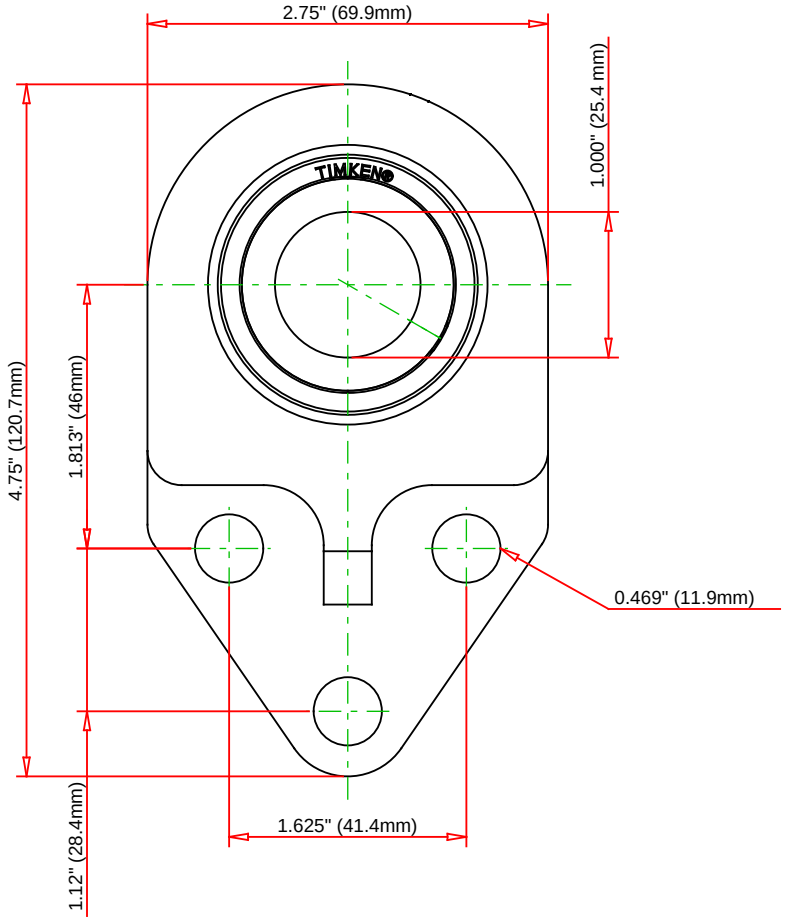
Total Length L	2.750 in 69.9 mm
Total Height H	4.750 in 120.7 mm
Total Width A0	1.414 in 35.9 mm
Bolt Hole Spacing J	1.625 in 41.4 mm
Bolt Hole Size N	0.469 in 11.9 mm
Flange Thickness A1	0.500 in 12.7 mm
Housing Width A	0.990 in 25.1 mm
Dimension A2	0.634 in 16.1 mm
Dimension H1	1.813 in 46.0 mm
Dimension J1	1.120 in 28.4 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	Blue Thermoset (Polymer)				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SUCBFB205-16-IP69K/F

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