



**The Timken Company**

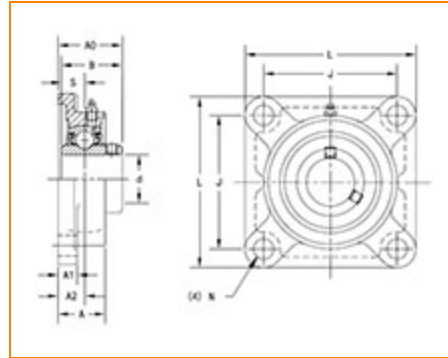
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## Part Number UCF318, UCF 300 Four-Bolt Flanged Mounted Bearings - Set Screw Locking



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### Specifications

<b>Bearing Number</b>	UC318
<b>Shaft Size d</b>	90 mm
<b>Locking Style</b>	Set Screw Locking
<b>Housing Construction</b>	Four-Bolt Square Flange

### Dimensions

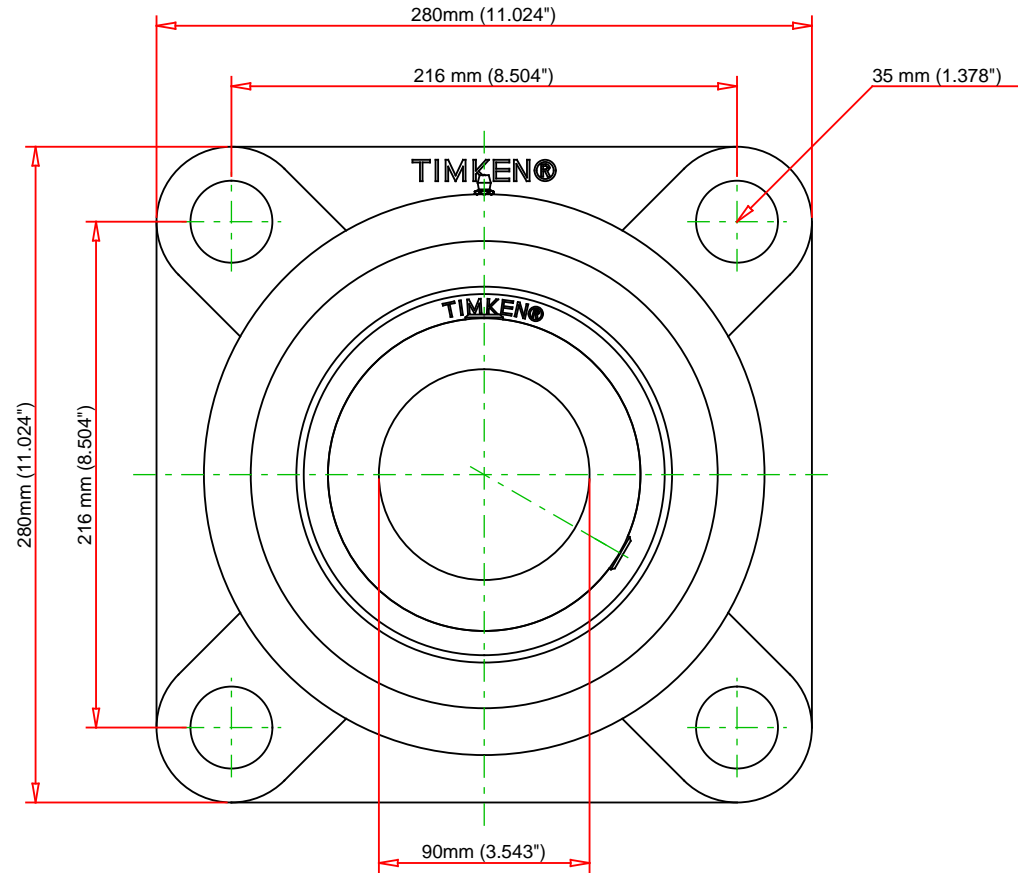
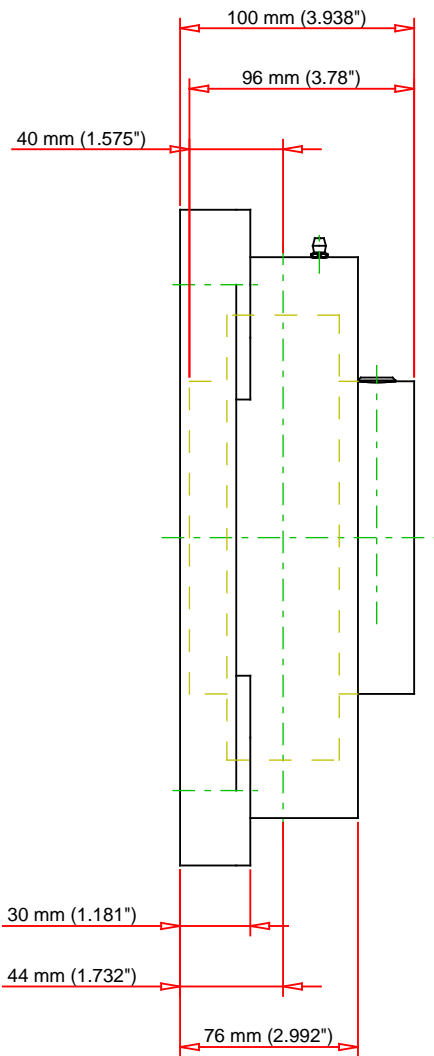
<b>Total Length L</b>	280 mm 11.024 in
<b>Housing Width A</b>	76 mm 2.992 in
<b>Bolt Hole Spacing J</b>	216 mm 8.504 in



<b>Bolt Hole Size N</b>	35 mm 1.378 in
<b>Flange Thickness A1</b>	30 mm 1.181 in
<b>Center of Bearing from Housing End A2</b>	44 mm 1.732 in
<b>Inner Ring Width B</b>	96 mm 3.780 in
<b>Center of Bearing from Bearing End S</b>	40 mm 1.575 in
<b>Dimension A0</b>	100 mm 3.938 in
<b>Bolt Size</b>	M30
<b>Grease Nipple Size</b>	A-R1/8

## Basic Load Ratings

<b>Static Load Rating</b>	107000 N 24055 lbf
<b>Dynamic Load Rating</b>	143000 N 32148 lbf



Bearing Number	UC318			
Load Ratings - C <sub>r</sub>	32148	lbf	143000	N
Load Ratings - C <sub>0r</sub>	24055	lbf	107000	N
Weight	41.7	lb	18.9	kg
Bolt Size	M30			

**TIMKEN®**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**UCF318**  
UCF 300 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**