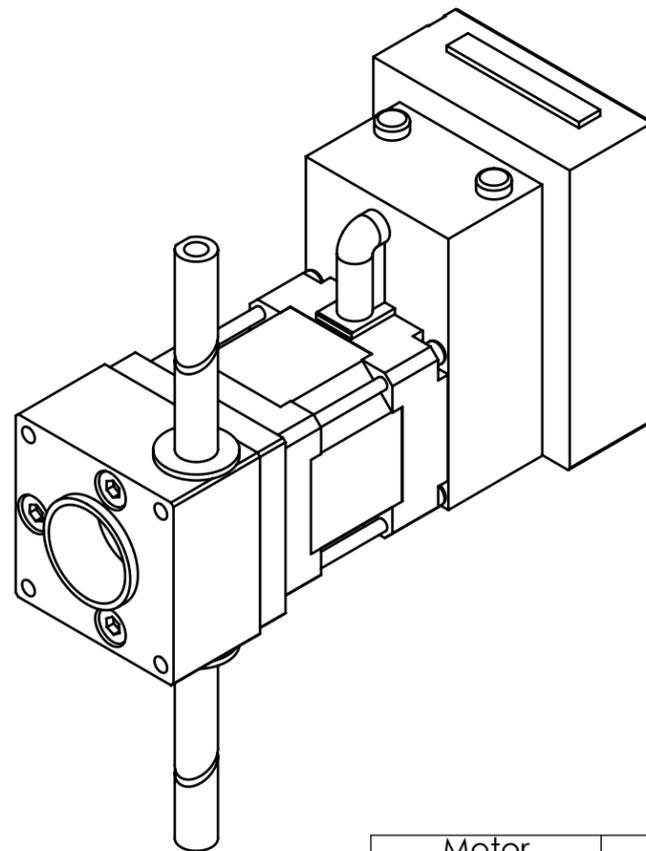
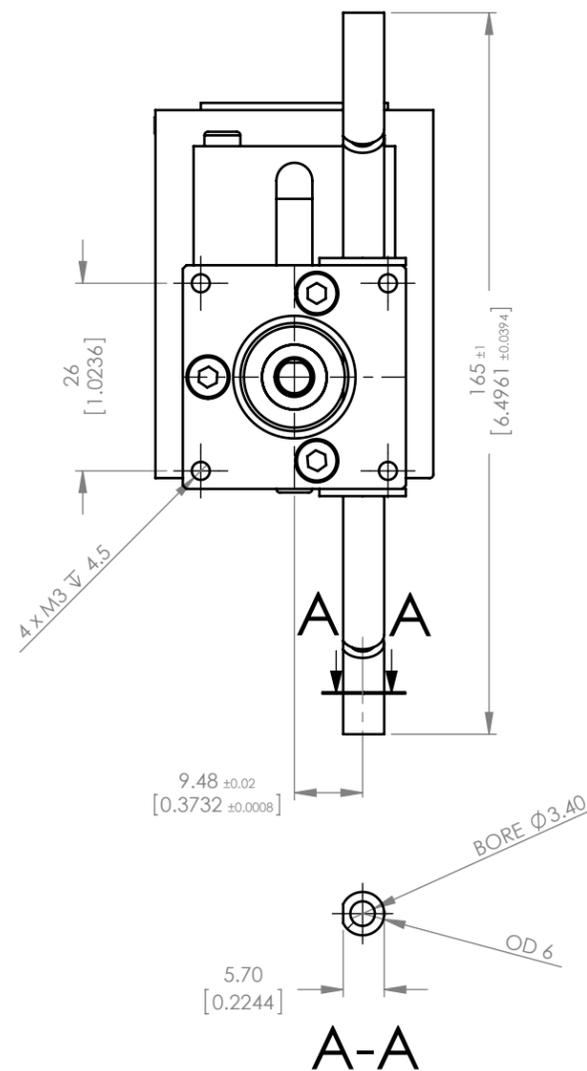
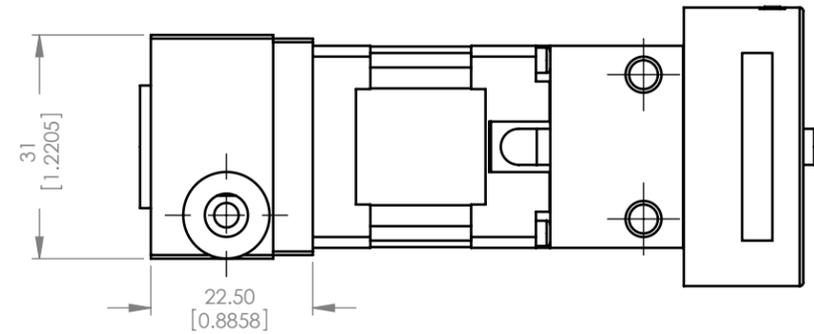
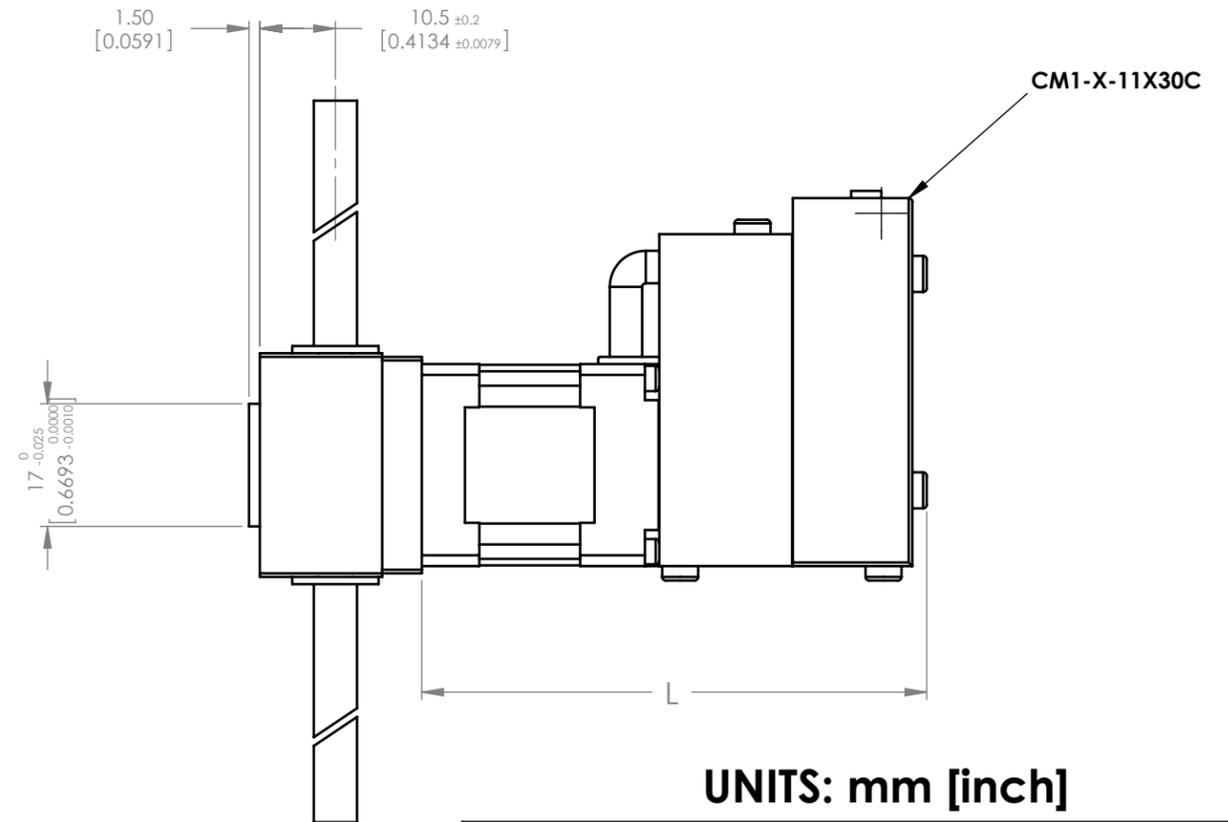


# TECHNICAL INFORMATION

<b>Part Number</b>	RRA11-06-250-11S30C	RRA11-06-250-11L30C
<b>Continuous Axial Force (N)</b>	3	8
<b>Momentary load (N)</b>	6	12
<b>Travel Range (mm)</b>	150-500mm (50mm increments)	
<b>Resolution</b>	0.00085mm @ 50,000 steps/rev	
<b>Max Speed</b>	300mm/sec	
<b>Tempurature Range</b>	Between 0°C and 40°C	
<b>Repeatability</b>	0.025mm	
<b>Side Wobble (fully extended)</b>	±0.2mm	
<b>Life time</b>	5 million cycles	
<b>Backlash</b>	0.08mm linear movement	
<b>Rack material</b>	316 grade stainless steel	
<b>Pinion Material</b>	PEEK or Stainless Steel	
<b>Lubrication</b>	None for PEEK, PTFE based grease for SS	



Motor	L
CM1-X-11S30C	71mm
CM1-X-11L30C	85mm



**UNITS: mm [inch]**

NAME	DATE	DO NOT SCALE DRAWING	DIMENSIONS ARE METRIC	
DRAWN M. Dank	20-Feb-2012	TITLE: <b>RRA-11 Racktuator</b>		
CHECKED				
ENG APPR.				
		SIZE <b>B</b>	PRT. NO. RRA-11-06-250-11X30C	REV 1.2
<p><b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MYOSTAT MOTION CONTROL INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF COOLMUSCLE INC. IS PROHIBITED.</p> <p>Myostat Motion Control Inc. 17817 Leslie St, Unit 43 Newmarket, ON - L3Y 8C6 Canada www.myostatmotioncontrol.com</p>		SCALE: 1:1	WEIGHT: -	SHEET 1 OF 1

Unless otherwise specified, general tolerances are ±0.13mm