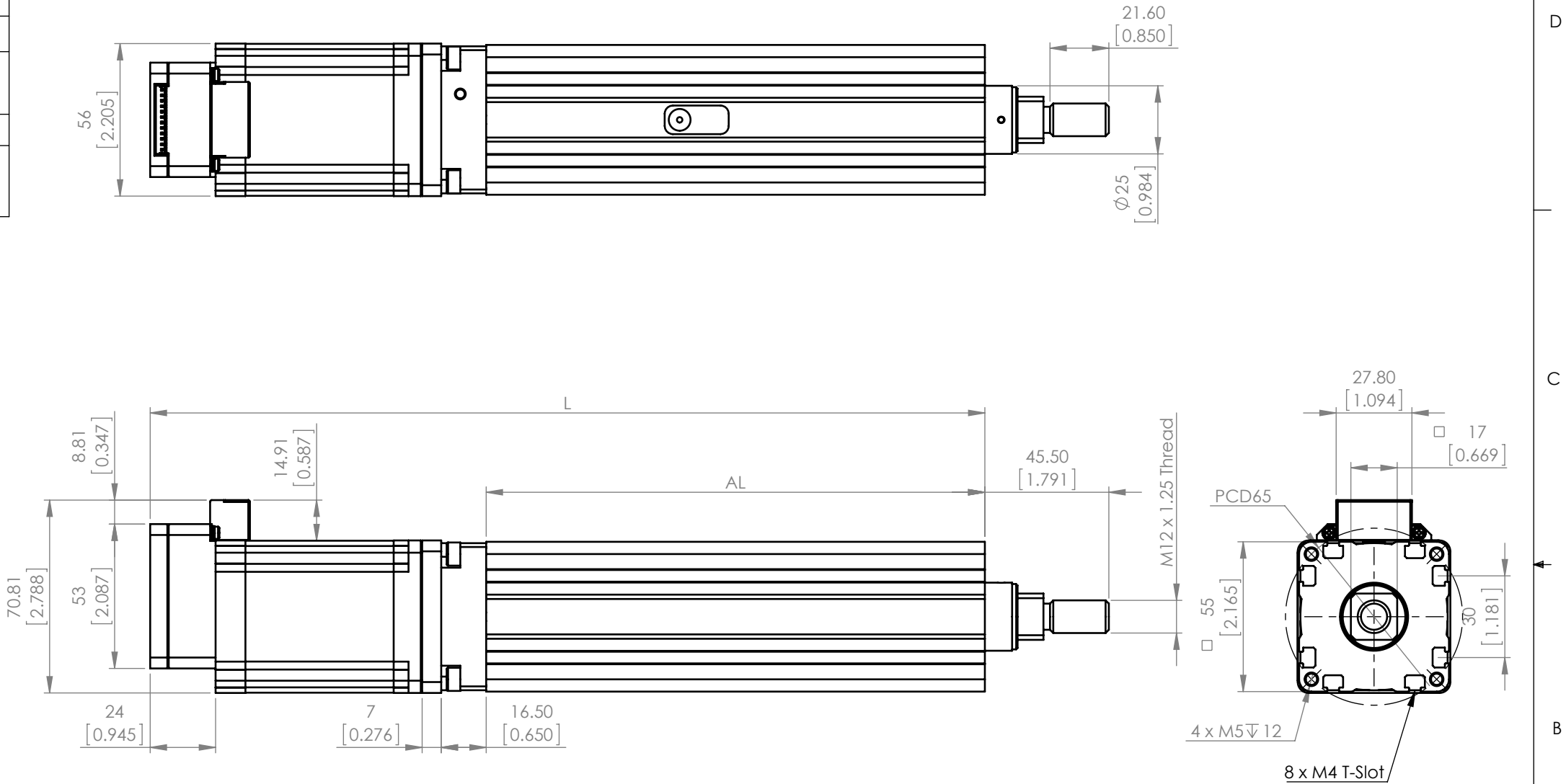
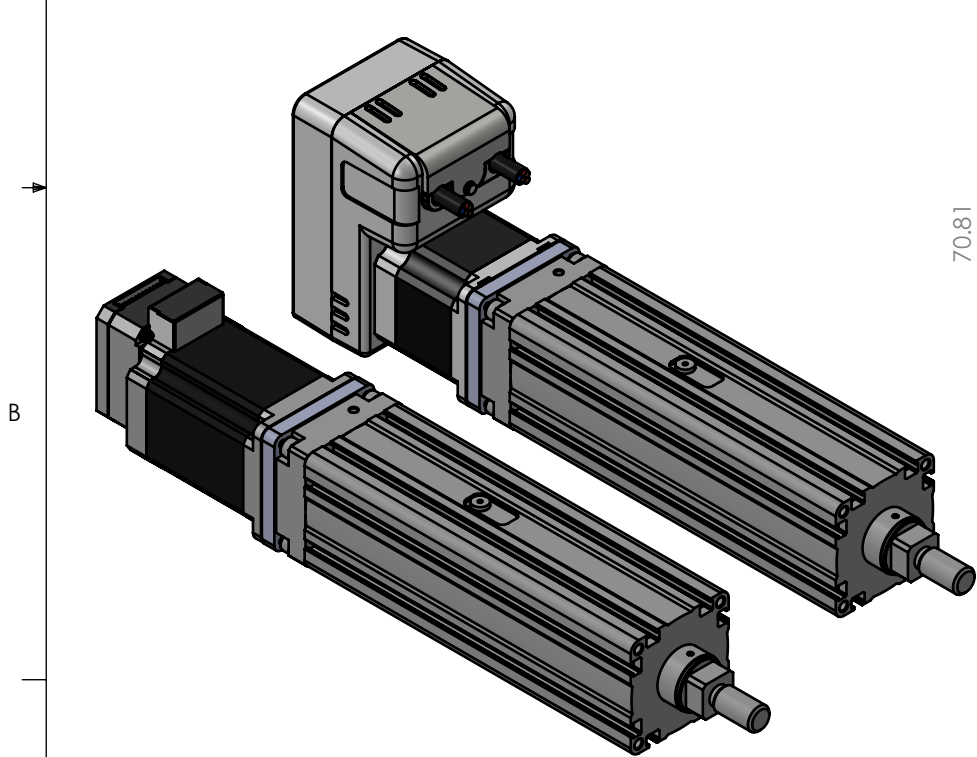


8

7

Technical Data				
	Value		Unit	
D	Repeatability	±0.02		mm
	Ball Screw Shaft Diameter	12		
	Ball Screw Lead	12	6	
	Rated Speed	600	300	mm/s
	Rated Thrust	134	267	N
	Maximum Thrust	402	804	
	Maximum Acceleration	0.3		G
	Horizontal Mass Capacity	25	40	kg
	Vertical Mass Capacity	6.5	10.5	

Bill of Materials		
Part No.	Description	Quantity
VLA-CT-55	Actuator	1
RD55T-BKT-NEMA23	Bracket	1
23S30C / 23L20C / 56B10A / 56B20A	Motor	1
M4-12mm	Screws	8



Naming Convention:

RD<Size>-<Lead>-<Stroke>-<Motor>-<Interface>

ex.
RD-55T-12-250-23L30-C

UNITS: mm [inch]

Model	Effective Stroke (mm)	L (mm)				AL (mm)
		w/ 23S30	w/ 23L20	w/ 56B10A	w/ 56B20A	
RD-55T-050	50	272.5	306.5	299.7	325.7	183
RD-55T-100	100	322.5	356.5	349.7	375.7	233
RD-55T-150	150	372.5	406.5	399.7	425.7	283
RD-55T-200	200	422.5	456.5	449.7	475.7	333
RD-55T-250	250	472.5	506.5	499.7	525.7	383
RD-55T-300	300	522.5	556.5	549.7	575.7	433

<p>Unless otherwise specified, tolerance to be: CNS 4018 IT 14 Linear measures</p> <p>0.5-3 ±0.1 3-6 ±0.1 6-30 ±0.2 30-120 ±0.3 120-315 ±0.5</p> <p>PROPRIETARY AND CONFIDENTIAL</p> <p>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>	NAME		DATE	DO NOT SCALE DRAWING	DIMENSIONS ARE METRIC	
	DRAWN		E.Lock	Jan-27-2015	TITLE: RD-Series Actuator	
	CHECKED					
	ENG APPR.					
<p>Myostat Motion Control Inc. +1 905-836-4441 www.myostat.ca</p>	SIZE		PRT. NO.		REV	
	B		RD-55T-XX-XXX-XXXXXX-X		1.0	
	SCALE: 1:2		WEIGHT: -		SHEET 1 OF 1	